

**BOISE STATE
UNIVERSITY**

**74
75**

BULLETIN

Directory Information
 BOISE STATE UNIVERSITY
 1910 College Blvd.
 Boise, Idaho 83725
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Institutional status as a University was granted by the 2nd Session of the 42nd Idaho State Legislature early in the spring of 1974. Since catalog material had been prepared before the change was effective the references throughout this publication to Boise State College should be understood to refer to Boise State University.

The purpose of the Boise State University Bulletin, Catalog Issue is to provide current, articulate and accurate information about Boise State University for the guidance of prospective students, for faculty and administrative officers, for students currently enrolled, and for other education or allied agencies.

While every effort is made to insure that the information is current and accurate, the provisions of this publication are not to be regarded as an irrevocable contract between the student and the University. The University reserves the right to change any provision, requirement or course offering at any time within the student's term of attendance.

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 Catalog Editor, Herbert W. Runner

BOISE STATE UNIVERSITY

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BULLETIN

BOISE STATE UNIVERSITY BULLETIN, 1974-75 CATALOG ISSUE

"An Equal Opportunity Employer"

Vol. XLII

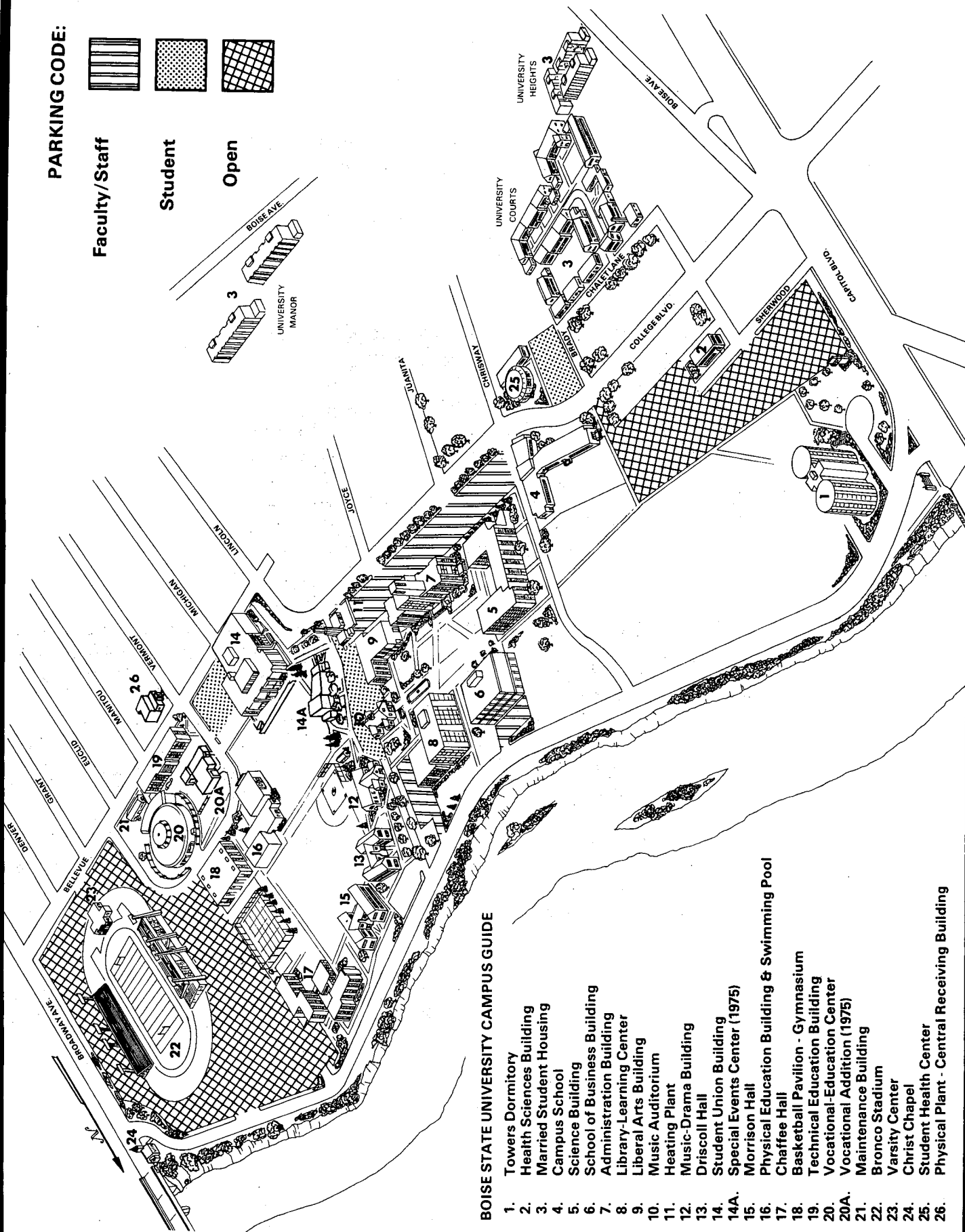
March 15, 1974

NO. 3

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Student

Open



BOISE STATE UNIVERSITY CAMPUS GUIDE

1. Towers Dormitory
2. Health Sciences Building
3. Married Student Housing
4. Campus School
5. Science Building
6. School of Business Building
7. Administration Building
8. Library-Learning Center
9. Liberal Arts Building
10. Music Auditorium
11. Heating Plant
12. Music-Drama Building
13. Driscoll Hall
14. Student Union Building
- 14A. Special Events Center (1975)
15. Morrison Hall
16. Physical Education Building & Swimming Pool
17. Chaffee Hall
18. Basketball Pavilion - Gymnasium
19. Technical Education Building
20. Vocational-Education Center
- 20A. Vocational Addition (1975)
21. Maintenance Building
22. Bronco Stadium
23. Varsity Center
24. Christ Chapel
25. Student Health Center
26. Physical Plant - Central Receiving Building

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NOTE: The admissions policy at Boise State and other general policies in all of its programs, as well as its personnel employment practices, operate under a philosophy that no person shall on the ground of race, color, sex, or national origin, be excluded from consideration, participation, be denied the benefits of, or be subjected to discrimination in any activity. Boise State University is an equal opportunity institution.

Boise State University Administration

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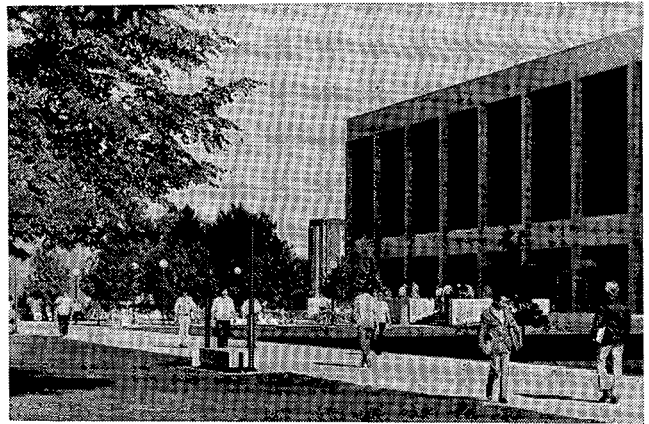
Boise State University Calendar — 1974-75

SUMMER SESSION 1974

June 8, Saturday, 9 a.m.-1 p.m. Registration in Gymnasium
June 10, Monday Graduate 8-week session until August 2
June 10, Monday First 5-week session until July 12
July 15, Monday Second 5-week session until August 16

FALL SEMESTER 1974

August 16, Friday Last date for full time students to complete all admission requirements. (Students who complete requirements after this date will be charged a late fee and scheduled after regular registration times.)
August 26, Monday Department Chairmen Meeting (by school); Faculty Orientation; All Faculty on Duty
August 27, Tuesday Residence Halls Open
1:00 p.m.
August 27, Tuesday Pre-registration Counseling in Advisors' Offices for Graduates, Seniors, Juniors,
10:00 a.m.-4:00 p.m. Sophomores
August 28, Wednesday Late ACT Test; Foreign Language Placement Test; New Student Orientation & Group
8:00 a.m.-4:00 p.m. Counseling; Pre-registration Counseling in Advisors' Offices for Freshmen and New Students
August 29, Thursday Registration by Schedule for Seniors, Juniors, Sophomores and Graduate Students;
Pre-registration Counseling in the Advisors' Pool
August 30, Friday Registration by Schedule for Freshmen; Pre-registration Counseling in the Advisors' Pool
August 30, Friday Open Registration
7:00-9:00 p.m.
August 31, Saturday Open Registration
9 a.m. to noon
September 2, Monday Labor Day (Holiday)
September 3, Tuesday Classes begin
September 10, Tuesday Last day to register late, except by petition. Last date to add new courses for credit or to change from audit to credit except with consent of instructor.
October 4, Friday Last day to file application with department for admission to Candidacy and Graduation for Master's Degree
October 19, Saturday Homecoming
October 25, Friday Mid-semester report issued. Notification of Incomplete from previous semester. Last Day to File Application with Department for Final Master's Written Examination
October 26, Saturday Graduate Record Examination (L215)
8:30 a.m.-12:00 noon
November 8, Friday Last day for withdrawal without penalty for failing work
November 9, Saturday Final Written Examination for Master's Degree
November 11, Monday Veterans Day (Holiday)
November 16, Saturday Last day to submit final copy of thesis and projects with department
November 21, Thursday Thanksgiving Day (Holiday)
November 22, Friday Institutional Holiday
November 25, Monday Classes resume
November 25, Monday Last Date to Withdraw from Classes
November 30, Saturday Last date for final oral examinations in defense of Thesis and Applied Projects for Master's Degrees
December 13, Friday Classroom Instruction Ends
December 16-19, Monday through Thursday Semester Examinations
December 19, Thursday Christmas Vacation (5:00 p.m.); Residence Halls Close (6:00 p.m.)



SPRING SEMESTER 1975

January 2, Thursday	.....	Last date for full time students to complete admission requirements. (Students who complete requirements after this date will be charged a late registration fee and scheduled after regular registration times.)
January 6, Monday	.....	Department Chairmen Meetings (by school); Faculty Orientation; All Faculty on Duty
January 7, Tuesday	.....	Residence Halls Open
1:00 p.m.		
January 7, Tuesday	.....	Pre-registration Counseling in Advisors' Offices for Graduates, Seniors, Juniors, Sophomores; Late ACT Test; Foreign Language Placement Test
9:00 a.m.-4:00 p.m.		
January 8, Wednesday	.....	New Student Orientation and Group Counseling; Pre-registration Counseling in Advisors' Offices for Freshmen and New Students
8:00 a.m.-4:00 p.m.		
January 9, Thursday	.....	Registration by Schedule for Seniors, Juniors, Sophomores and Graduate Students
January 10, Friday	.....	Pre-registration Counseling in the Advisors' Pool
January 10, Friday	.....	Registration by Schedule for Freshmen; Pre-registration Counseling in the Advisors' Pool
7:00-9:00 p.m.		Open Registration
January 11, Saturday	.....	Open Registration
9:00 a.m.-Noon		
January 13, Monday	.....	Classes Begin
January 17, Friday	.....	Last day to register late except by petition. Last date to add new courses for credit or to change from audit to credit except with consent of instructor.
January 18, Saturday	.....	Graduate Record Examination (L215)
February 17, Monday	.....	Washington's Birthday (Holiday)
February 21, Friday	.....	Last date to file application with department for admission to candidacy and graduation for Masters' Degree
March 7, Friday	.....	Mid-semester report issued. Notification of incompletes from previous semester. Last date to file application with Department for final Masters' written examination
March 24, Monday	.....	Spring Vacation until March 31
March 31, Monday	.....	Classes Resume
April 12, Saturday	.....	Final Written Examination for Masters' Degree
April 19, Saturday	.....	Last date to submit final copy of thesis and projects with department
April 24, Thursday	.....	Last date to withdraw from classes; Last date for final oral examinations in defense of thesis and applied projects
May 9, Friday	.....	Classroom Instruction Ends
May 12-15, Monday	.....	Semester Examinations
through Thursday		
May 15, Thursday	.....	Residence Halls Close
6:00 p.m.		
May 18, Sunday	.....	Commencement

SUMMER SESSION 1975

June 7, Saturday	.....	Registration in Gymnasium
June 9, Monday	.....	Graduate 8-week session until August 1
June 9, Monday	.....	First 5-week session until July 11
June 14, Saturday 8:30 - 12:00 noon	.....	Graduate Record Examination
July 14, Monday	.....	Second 5-week session until August 15

Calendar Highlights for New Students

	FALL '74	SPRING '75
Last date to complete all admission requirements	8/16/74	1/2/75
Late ACT Test	8/28/74	1/7/75
Foreign Language Placement Test	8/28/74	1/7/75
New student orientation and group counseling	8/28/74	1/8/75
Pre-registration counseling—Advisors office	8/27/74	1/7/75
—Advisors pool	8/28/74	1/8/75
	8/29/74	1/9/75
—Gymnasium (open registration)	8/30/74	1/10/75
Registration for all but Freshmen	8/29/74	1/9/75
Registration for Freshmen	8/30/74	1/10/75
Last day to register late and for adding new classes for credit	9/10/74	1/17/75
Last day for withdrawal without penalty for failing work	10/25/74	3/17/75
Last day for removing incompletes from previous semester	10/25/74	3/17/75
End of mid-semester examinations	10/25/74	3/17/75
Last day to withdraw from classes	11/25/74	4/24/75

Calendar Highlights for Dormitory Residents

FALL SEMESTER 1974

Residence halls open	1:00 p.m., Tuesday, August 27, 1974
Second payment due if deferred payment plan is used	Friday, November 1, 1974
Thanksgiving vacation (Food service not available but dormitories open)	November 21-24, 1974
Residence halls close	6:00 p.m., December 19, 1974

SPRING SEMESTER 1975

Residence halls open	1:00 p.m., Tuesday, January 7, 1975
Final payment due if deferred payment plan is used	Saturday, March 1, 1975
Spring vacation	March 24-30, 1975
Residence halls close	6:00 p.m., Thursday, May 15, 1975

Calendar Highlights for Graduate Students

	SUMMER '74	FALL '74	SPRING '75	SUMMER '75
Registration	6/8/74	8/29/74	1/9/75	6/7/75
Last date to file application with department for final Master's written examination	7/5/74	10/25/74	3/14/75	7/4/75
Last date to file application for admission to candidacy and graduation for Master's degree	6/21/74	10/4/74	2/21/75	6/20/75
Final written examination for Master's degree	7/11/74	11/9/74	4/9/75	7/19/75
Last date to submit final copy of thesis and projects in Graduate School	7/27/74	11/16/74	4/19/75	7/26/75
Last date for final oral examinations in defense of thesis and applied projects	8/3/74	11/30/74	4/24/75	8/2/75

PART 1

General Information

BOISE STATE UNIVERSITY

General Information

The foundation for Boise State was laid in 1932. The institution advanced for many years as a public institution financed by a local tax district. Since 1969, when Boise State entered the state system of higher education, significant progress has been made in the development of the campus facilities for instruction, research, and service to Idaho publics.

Boise State is organized into six schools: the School of Arts and Sciences, the School of Business, the School of Education, the School of Health Sciences, the Vocational-Technical Education School, and the Graduate School. Undergraduate degrees are offered in many fields, and graduate degrees are offered in education and business administration.

The college has an extensive late afternoon and evening program which provides educational opportunity for full-time students who need to schedule classes at that time and for part-time students who are pursuing a degree while they are employed. The evening school therefore provides many opportunities for professional and technical upgrading and retraining to the citizens of the Treasure Valley.

Boise State College Today

The modern and efficient plant which is the campus of Boise State College today is composed of some twenty-five buildings. Many were built within the last few years and the oldest, the administration building which is still the heart of the campus, was erected in 1940.

The attractive campus is in an urban setting with many trees and expansive lawns, with the Boise River and Julia Davis Park on one side and residential areas on the other. Parking lots at either end of the campus insure adequate parking with only a short walk to classes. The plan of the campus including parking areas and the names of the various buildings can be found on the Campus Guide in the front part of the catalog.

Boise State has become a center for cultural activities and in turn benefits from its location and position in the capital city which is also the largest metropolitan area in the state, its commercial and transportation center. Recreational opportunities are abundant. With on-campus dormitories, nearby married student housing, religious facilities very close and active student-centered and student-run social programs, our students find a rich and stimulating environment to enhance the educational process.

INSTITUTIONAL MISSION AND OBJECTIVES

The paramount role of a college was set long ago. It is to educate the individual, to ensure his development, and to enlarge his opportunity. We must rededicate ourselves to these goals and thereby strengthen them in a world of restless political, social, technological and economic change.

We believe that every college student needs a broad education to equip him for mobility in employment, in social life, in community, state and national citizenry, and that each student deserves an environment that contributes to his total growth as an individual. Therefore, the college should help to create an intellectual atmosphere that encourages students to develop a scientific spirit of investigation that becomes a life-long approach to issues and problems—in essence, to provide the opportunity for a sound, liberal education for all of its students through formal classes and informal avenues of learning and, hopefully, to liberate their minds from stereotyped thought and shallow decision making.

The college should provide a range of opportunities for student-faculty dialogue in other than a classroom situation, as well as provide educational

opportunities to its students through self-government and other student activities that enhance self-growth, and various individual services that correlate with instruction, such as counseling, guidance, placement, testing and health services.

We also believe strongly in the development of special educational areas to equip students with the professional or technical skills and knowledges necessary for entrance into employment upon graduation. In addition, we seek to help students gain respect for excellence of performance and to provide educational programs that prepare them to become workers and leaders in the professions, in business, in governmental positions, in teaching and in industrial occupations.

Teaching, knowledge and innovation must be advanced on every front—the arts, the sciences and the occupations. In these areas we should allot a greater proportion of our total effort to teaching, first to extend still further each student's understanding of the world, and second, to enrich basic and applied research in the sciences, humanities, and technology so essential to the improvement of humanity in all respects. Therefore, we should encourage the faculty and administration to engage in personal and team research which contributes to institutional improvement of personal growth, and maintain effective communication with students, alumni and the general public in an attempt to assess continually the effectiveness of the college in fulfilling its mission.

The status of the individual must remain our primary concern, and we must further enhance the dignity of the individual student, promote the maximum development of his capabilities, stimulate their responsible use, and widen the range and effectiveness of opportunities for individual choice, self-development and self-expression.

We further believe that a state college must recognize its responsibility to the public it serves and should, therefore assist in the state's growth and development by always making its resources available for solving problems, by making a variety of cultural, avocational and occupational experiences available through its publications, workshops, concerts, plays, speakers, conferences, evening course offerings and sports events, and by offering educational training and retraining programs needed by education, industry and business.

In essence, then, the prime purpose of this state college is influencing the thought and behavior of its students and its public, and the prime recognition is that both teaching and learning are best accomplished when a variety of techniques and skills are aptly employed.



ACCREDITATION AND AFFILIATION

Boise State College is fully accredited with membership in the Northwest Association for Secondary and Higher Schools. Boise State holds permanent membership in the College Entrance Examination Board and the College Scholarship Service Assembly and is on the approved list of the American Association of University Women.

Professional program accreditations include the following:

Criminal Justice Administration by the National LEEP

Dental Assistant Program by the Council of Dental Education and the American Dental Assistant Association.

Respiratory Therapy Program by the Department of Allied Health of the American Medical Association.

Medical Record Technician Program by the Department of Allied Health of the American Medical Association.

Registered Nursing Program by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools and the National League for Nursing.

Department of Music is accredited as a member of the National Association of Schools of Music.

Social Work Program by the Council on Social Work Education.

LIBRARY-LEARNING CENTER

The Library-Learning Center is conveniently located in the center of the campus facing the Memorial Fountain and Mall, and on the north provides a magnificent view of the Boise River, foothills and mountains.

The Library has been planned to provide an attractive setting for reading, study and research. It serves as a fundamental source of information on the campus, as an extension of the classroom or a laboratory for some disciplines, and even replaces the classroom for those students involved in independent study and some honors programs. By offering a wide variety of materials the Library hopes to stimulate intellectual curiosity among students and faculty, as well as to satisfy their study and recreational reading needs.

The Library occupies about 100,000 square feet of the building with the remaining 45,000 square feet given over to the School of Education, Educational Television studios, the Instructional Materials and Counseling centers, faculty offices, and classrooms.

Seating is provided for about 1400 readers at large tables, individual study carrels, and lounge areas scattered throughout the open stack areas. Small study rooms and typing rooms are available for group or individual use on each floor. Book stacks provide space for about 350,000 volumes with the present rapidly growing collection numbering about 190,000 volumes. The four floors of the library addition are served by two elevators, and the building includes numerous other features to facilitate use by handicapped students.

GENERAL INFORMATION

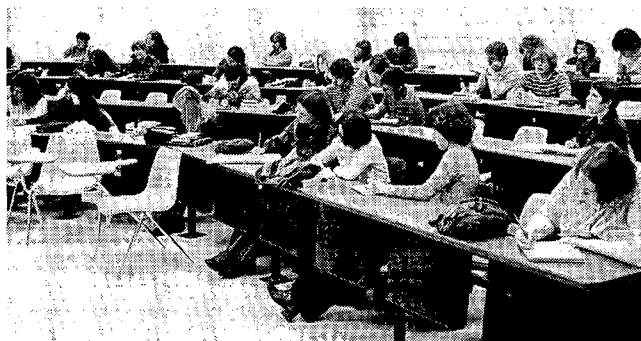
Honors Program

The general reference collection and a reserve reading room are located on the ground floor near the circulation and card catalog areas.

The Curriculum Resource Center, housed on the second floor of the library addition, features a growing collection of multi-media and non-book materials, along with the children's and young adult literature collections. Curriculum and special education materials are available to teachers in the Boise area, as well as to college students and faculty. Electronic carrels providing listening facilities are available in the Center.

On the third floor, in addition to the general book collection, are to be found a collection of nearly 45,000 maps, a growing collection of Idaho state documents, the Vardis Fisher Memorial Room, and the Earl Wayland Bowman collection.

The Periodical and Documents department, located on the fourth floor, receives over 1800 current periodicals and over 65 newspapers, including Idaho, national and foreign newspapers. Back files of newspapers and many journals are available on microfilm, with several micro-form readers and reader-printers to facilitate their use. The Library is a partial depository for U. S. government documents.



HONORS PROGRAM

The Honors Program is designed with general education in mind. Its main objective is to provide a broad and comprehensive liberal arts background which complements the specialized education and training which one obtains through the major departments. This includes topics in the sciences, humanities, and social sciences as generally indicated by the standard degree requirements. However, the catalog requirements are to be considered as minimal guidelines which can, and should be amended when a stronger alternative is suggested.

While the Honors Program aims at enrichment more than acceleration, it is possible through Advanced Placement, Summer Reading, and extra courses for an Honors student to accumulate enough credits to graduate in less than the usual four years. The Honors student is expected to do more than the usual out-of-class reading and to spend less time on routine class assignments. He is encouraged to write more, to talk more, and to think more. He has the chance to be a creative participant in his own education. He will learn how to learn on his own, how to ask himself the right questions about new situations and new experiences, and thereby how to become an active and thoughtful member of the American society.

ELIGIBILITY

Qualified students from all departments may participate in the program. Freshmen who have demonstrated unusual scholastic ability and intellectual attainment in high school are encouraged to take part. Each year approximately the upper five percent of the entering freshmen are eligible for the Honors Program. Such students are selected on the basis of high school grade point average, ACT scores, and recommendations of their counselors or teachers.

Students who are not admitted to the Honors Program upon initial enrollment at Boise State may apply at any time after the completion of the first semester. An Honors student may drop out of the program at any time within the existing college rules, and the Honors courses he has taken will be applied toward the General College Requirements for Graduation.

HONORS COURSES

Each Honors student takes special Honors courses, some of which are expected of all those enrolled in the program. These courses are taken in lieu of, rather than in addition to, the standard requirements. In every case, the student pursues work in his own major department that will prepare him for a professional career. The Honors Program works cooperatively with the major department in providing the opportunity and stimulus for the student to realize his potential.

The following is a list of Honors Program courses presently available:

- Honors English — two semesters
- Honors History — American — two semesters
- Honors Mathematics — one semester
- Development of Western Civilization — one semester
- Development of Eastern Civilization — one semester
- European — two semesters
- Honors Economics — one semester
- Honors Biological Science — one semester
- Honors Physical Science — one semester
- Domain of the Arts — one semester
- Honors Seminar (Special Topics Course) — each semester
- Independent Study — each semester
- Summer Reading — each summer

Flexibility is an indispensable feature of the Honors Program. This is true of the Honors courses as well as of the individual Honors student's program. Accordingly, the precise description and content of a specific course may vary from semester to semester. Current descriptions of Honors courses and Seminars are available in the regularly updated Honors Program Newsletter. The Newsletter and/or further information can be obtained by writing:

Honors Program Director
Boise State University
Boise, Idaho 83707

EDUCATIONAL OPPORTUNITIES AT BOISE STATE COLLEGE

Today improved and accelerated public school programs help increasing numbers of students to enter American colleges and universities with skills traditionally expected after college-level work. To assure each student the opportunity to develop at his own pace and bypass rehashing of material already mastered, Boise State College offers several options for educational advancement.

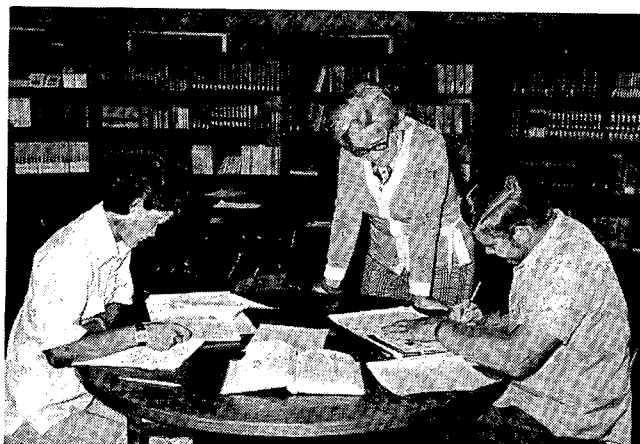
The information here is intended to give only a general idea of alternatives available. No attempt is made to present all the rules and procedures. By their very nature, these existing programs are expected to change in their details. Also, new programs will emerge which cannot be anticipated completely for inclusion here. However, students' needs and creativity must be accommodated. We at Boise State College are always willing to listen to requests, point out the proper procedures for established channels, or investigate possibilities for both immediate solutions and future programs to meet previously unanticipated needs.

Individual cases might allow several approaches to determining relative placement. Following are the general alternatives available. Further details may be obtained from Dr. William P. Mech, phone 385-1122, or from the BSC Administrative Handbook:

- 30-1 Credit by Examination
- 30-1A CLEP
- 30-1B Advanced Placement
- 30-1C Credit for Prerequisite Not Taken
- 30-1D Independent Study
- 30-5 Additional B.A. and/or Double Major
- 30-7 Student Advisement Consideration
- 30-10 Math Placement Exam Policy
- 30-11 Honors Program

Advanced Placement

If an academic department prefers to use a specific form of advanced placement, that department has the option of using its own examination, a standard test, recommendations from high school instructors, or past experience. In this instance, the gathering of materials upon which the granting of credit will be determined may begin during the student's last semester in high school. Contact: Director, Honors Program.



COLLEGE LEVEL ENTRANCE EXAMINATION PROGRAM (CLEP)

The present policy at BSC for awarding credit on the basis of CLEP examinations is as follows:

CLEP SUBJECT MATTER EXAM

Boise State will accept CLEP Subject Matter Examination scores at a Department-determined percentile score for equivalent courses. The student who submits official CLEP Subject Matter Examination scores must make application and enroll at Boise State, or be enrolled at Boise State at the time of submission of CLEP scores.

If the scores submitted are at or above the percentile scores indicated by the Departments, the student will receive credit for the equivalent courses so designated. The entries on the transcript will show the specific Boise State course number, title and credits with no letter grade. The heading will show CLEP SCORES on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce, by the number of credits awarded, the number of credits still required to graduate.

CLEP Subject Matter Examinations will not be officially released on a Boise State transcript to other agencies or institutions until the student has successfully completed 15 academic credit hours with Boise State.

Boise State currently accepts test scores of CLEP in the following subject matter areas:

CLEP EXAM TITLE	BSC EQUIVALENT COURSE AND NUMBER (credits)
English Composition	E-101, English Composition (3)
Analysis and Interpretation of Literature	E-102, English Composition (3)
Biology	B-101 + 102, General Biology or (8) B-103 Concepts of Biology
General Chemistry	C-101 + 102, Introduction to Chemistry (8)
College Algebra-Trigonometry	M-111, Algebra and Trigonometry (5)
Introductory Calculus	M-112, Calculus and Analytic Geometry (5)
Statistics	M-361, Fundamentals of Statistics (4)
Introduction to Accounting	AC-101 + 102, Principles of Accounting (6)
Computers and Data Processing	DP-210, Introduction to Data Processing (3)
Introduction to Sociology	SO-101, Introduction to Sociology (3)
American Government	PO-101, Federal Government (3)
Introductory Economics	EC-201 + 202, Principles of Economics (6)
Money and Banking	EC-301, Money and Banking (3)
Introductory Business Law	GB-301, Business Law (3)
Intro. to Business Management	MG-301, Principles of Management (3)
Introductory Marketing	MK-301, Principles of Marketing (3)
General Psychology	P-101, General Psychology (3)

**Applies only to non-traditional students (An additional essay is required.) - several other alternatives are available to students directly out of High School.*

GENERAL INFORMATION

CLEP Exam

CLEP GENERAL EXAM

Boise State will accept CLEP General Examinations at a college-determined percentile score for equivalent credits. The student who submits official CLEP General Examination scores must make application and enroll at Boise State at the time of submission of CLEP scores.

If the scores submitted are at or above the percentile scores indicated by the College, the student will receive credit for the equivalent credits so designated. The entries on the transcript will show the specific Boise State score requirement met with no letter grade. The heading will show CLEP SCORES on the transcript. The credit awarded will count toward the graduation requirements at Boise State and will reduce by the number of credits awarded, the number of credits still required to graduate.

CLEP General Examinations will not be officially released on a Boise State transcript to other agencies or institutions until the student has successfully completed 15 academic credit hours with Boise State College.

Boise State currently accepts test scores of CLEP in the following general areas:

CLEP EXAM TITLE *	BSC EQUIVALENT CREDIT
English	No credit granted
Natural Science	
Score of 489-570 (50th - 75th)	4 credits in Area III
Score of 571 or above	8 credits in Area III
Mathematics	
Score of 488 or above (50th)	4 credits in Area III
Humanities	
Score of 489-566 (50th - 75th)	3 credits in Area I
Score of 567 or above	6 credits in Area I
Social Science - History	
Score of 489-568 (50th - 75th)	3 credits in Area II
Score of 569 or above	6 credits in Area II

*National College Sophomore Norm Group

Maximum possible credit by CLEP General Examinations - 24 semester hours credit.

The Faculty Senate must approve any proposed changes of the percentile rank at which General CLEP Examination credit is given.

GENERAL INFORMATION

Many colleges and universities, including Boise State, accept the General Examinations and the Subject Matter Examinations as an alternate way by which a student may satisfy certain general education requirements or specific course or pre-major requirements.

Students generally become prepared to take the exams by:

1. Studying independently
2. Having advanced High School courses that parallel those offered by the college.
3. Having previously audited the courses

4. Attending non-accredited schools, etc.
5. Correspondence - extension work
6. Educational Television courses
7. Travel
8. Study in Armed Forces or at proprietary schools
9. On-the-job training and experience

You may not repeat a Subject Examination within a year. If you do, your scores will not be reported and your test fees will be forfeited. You may repeat the General Examinations once within a year's time if you make special arrangements.

Cost

General Examinations (5 part test) . . .	\$15 for one part \$30 for all 5 parts
Subject Examinations	\$15 each

Fees must be paid by check or money order - not by cash - and made payable to College Entrance Examination Board.

For information related to taking a CLEP Examination, contact Mr. Carlos Arreola at the Counseling, Guidance, and Testing Center located in the Library Building, Room 247, phone 385-1601. Students seeking information about this and other advanced placement policy should contact Dr. William P. Mech, Director, Honors Program, Business Building, Room B-307Q, phone 385-1122.

Credit by Examination (Challenge)

Any student may challenge a BSC course offering, subject to department determination of appropriate courses, when he feels confident that he has acquired sufficient knowledge (as the result of previous background, education, or experience) to pass an examination which covers the content of the course.

The specific details and examination are determined by the course, level, and occasionally, the student's individual situation. Some courses are challenged through a standardized (CLEP) examination, while others employ a departmental test. Contact: Department Chairman.

Independent Study

The availability of independent study opportunities for graduate students, all upper-division students, and Honors Program lower-division students represents one of several unique curricular choices at Boise State College. It is a project which must be primarily conceived and initiated by the student.

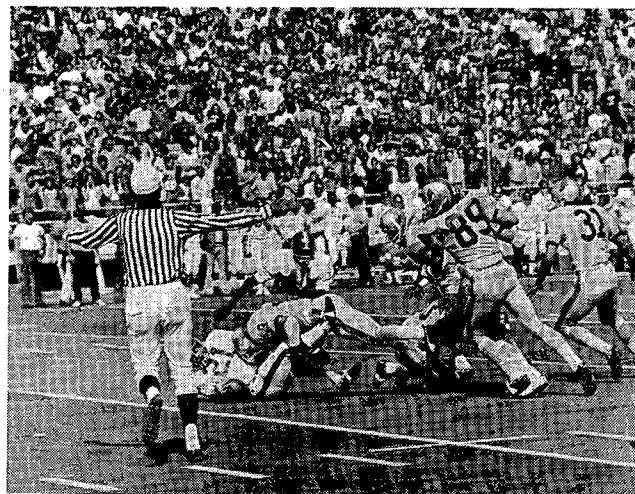
The independent study experience provides individual study opportunities of a reading or project nature, allowing the student to explore in depth a specific aspect of a discipline or professional field. Such study experience affords students the opportunity to exhibit scholarly competencies on an independent basis.

The Honors Program or any department of the college which fields a baccalaureate degree program or graduate program is authorized to offer independent study. The course numbers for independent study are not listed in the schedule of classes printed each term. This does not.

however, preclude their availability based on mutual agreement between student and professor and approval by the Department Chairman. Contact: Department Chairman

Internship

Internships are available in many departments and in all schools within Boise State. They provide opportunity for a student to participate for variable credit in a "field exercise" or "practicum" which contributes to his academic development. The precise nature of an individual internship will necessarily vary depending upon the department, agency, and, possibly, student. Contact: your Department Chairman or Dean.



Outreach Services and Programs

EDUCATIONAL PROGRAMS, SPECIAL COURSES, AND COMMUNITY SERVICE OBJECTIVES

The College expresses its concern for individual improvement, equal opportunity, economic efficiency, and civic responsibility by offering continuing education for adults, and community service programs to assist in the process of human and community development by focusing upon the needs, aspirations, and potentialities of individuals, groups, and institutions.

During recent years, the College has successfully experimented with a great variety of courses, institutes, conferences, field trips, seminars, and other special programs to assist individuals and groups in understanding the complex nature of their society, its problems and possible solutions.

The following programs and services are available at Boise State College to individuals, groups, firms, schools, and agencies:

SPECIAL SERVICES AND PROGRAMS

Conference, Workshop, Seminar, Institute Planning Assistance — The College offers assistance to groups and agencies that desire help in planning educational programs or require assistance in upgrading personnel in new techniques, knowledge, and skills. Classroom facilities and equipment for these programs can be arranged.

Faculty and Staff Consultation Service — The faculty and staff of Boise State College stand ready to assist business, industry, educational institutions, governmental agencies, professional groups, and others in the solving of their education and training problems or in their research and development efforts.

Use of Facilities — Boise State College will make available meeting rooms and classroom facilities to the various community groups and agencies.

Reading Education Center — Individualized reading improvement programs will be arranged for students with specialized reading problems. This service is available during the fall, spring and summer terms.

Educational Media Services — A large collection of educational media materials is housed in the library. These teaching aids are available for the college faculty, the school teachers of the state, and the students in teacher education. Community organizations may use these media when available. Projectors, TV and other audio-visual equipment are available for group use on the campus.

Data Processing Center — Tours of facilities, equipment demonstrations, and inservice lectures relative to data processing are available upon request.

The Visiting Scientist Program — The School of Art & Sciences has a number of faculty members who are willing to speak to high school science and mathematics classes. Each participant has prepared presentations of approximately forty minutes duration on topics that would be appropriate for interested high school students. The Visiting Scientist Program is available without cost to the school. Presentations may be scheduled for single classes or collective classes. Speakers can be scheduled for one day only, but when necessary, the presentation may be given as many as three times during that day. Three weeks advance notice is necessary for proper scheduling.

Speaker's Bureau — As a service to the region and state, Boise State has organized a faculty and staff Speaker's Bureau, whose members have volunteered to present lectures and/or talks before community groups and organizations. Write or call the News Bureau at 385-1198 to make requests.

GENERAL INFORMATION

Outreach

Public Affairs and Cultural Enrichment — Boise State College offers great variety in its program of public affairs and cultural enrichment with many events presented at no charge. Many of these offerings can be presented in your community. Some of the events that provide opportunities of participation and observation include:

College Band
Drama Offerings
Opera Workshop
A Capella Choir
Traveling Art Exhibits
Foreign Film Festival
Concerts and Recitals
Faculty Lecture Series
Forums of Particular Arts
BSC Community Symphony Orchestra
Demonstrations in various fields of study
Programs of outstanding artists and lecturers

EVENING INSTRUCTIONAL PROGRAMS AND SPECIAL COURSES

Extended Day Program — The College offers academic, avocational, and vocational courses on campus for the many individuals in the community who seek to achieve their own personal educational objectives.

Weekend College Program — This program is a continuing approach designed to make college offerings accessible to more of the people who wish to take courses but are unable to attend day or evening classes or who find weekend attendance better suited to their time schedule.

Mountain Home Air Force Base Program — Boise State College offers academic, college-level courses in a resident program to military personnel, their dependents, and members of the surrounding communities who desire to pursue educational goals.

Evening Vocational-Technical Education Program — This program is designed to offer courses in a wide variety of occupational fields to upgrade those individuals currently engaged in the skill, craft, trade, or technology in which the courses are offered.

M.D.T.A. Programs — The Manpower Development Training Act (MDTA) is a joint state and federal government sponsored program to train adults in job areas where there is a shortage of skilled personnel. A co-objective of this program is to reduce the ranks of the unemployed and underemployed in the state and in particular the Southwestern region of Idaho.

Adult Basic Education Program — Basic literacy training for adults in the community is offered at the Vocational-Technical Division for those who desire to upgrade themselves in order to qualify for occupational entry and—or pursue high school instruction.

General Educational Development (G.E.D.) Training — As a part of the Adult Basic Education Program, the College offers instruction and prepares adults who wish to take the General Educational Development Test to qualify for the Idaho high school equivalency certificate.

Guided Studies Program — Boise State College has begun a program of guided studies that encompasses high school subjects for adults. Currently the courses include Algebra, Plane Geometry, General Mathematics, English I, II, and III, American Government, Social Studies, and Natural Science. These courses are taught on either a semester or short course basis, depending on the needs of the adult student. Other courses are available to the students on demand. These courses meet the State of Idaho and Veterans Administration approval requirements (Chapter 34, Title 38, U.S. Code—VAR 14253A2).

Head-Start Instructor Preparation Program — The College participates with other institutions in the state in offering courses to Head-Start Program personnel to improve their educational base and instructional abilities. These instructors work with disadvantaged pre-school children to prepare them for school.

Special Interest Group Courses and Programs — Offerings that have proved to be of continued utility to various special interest groups, such as the engineers workshop preparing participants for the state licensing examination, are offered as a regular, periodic feature of the College's instructional program.

Regional Continuing Education Program — Credit and noncredit classes are offered in any community or region of the state where a sufficient number of students may be organized to form a class and where a qualified instructor is available. These courses are taught by regular college instructors, and other qualified teachers. Courses can be offered for graduate and undergraduate credit from Boise State. The purpose of these classes is to make the resources of higher education available to those citizens of the State who can best be served in off-campus settings.

The Regional Continuing Education Office offers assistance to organizations, school districts and other interested groups in the formation of programs.

Educational Television is provided the residents of Treasure Valley from Boise State College, licensee of station KAID-TV, a noncommercial public broadcasting station. The station produces and airs, in color, instructional TV programs for public education, higher education, and the community. Programs are produced to offer complete courses via TV for Boise State College as well as supplemental materials for several departments and individual course offerings. An affiliate of the Public Broadcast Network, the station also produces and airs public television programs of wide cultural and public interest to the citizens of Idaho.

SUMMER SESSION PROGRAM

A full complement of programs, courses, and services are offered in the summer. Graduate, undergraduate and noncredit programs and courses are offered in the several time block sessions on campus. An eight week session is also available at Mountain Home Air Force Base.

CIVIC IMPROVEMENT EFFORTS

Boise State College as an institution and more specifically its faculty, staff, and students are engaged in cooperative efforts with state and local governments, business, industry, professions, religious groups, and social groups to increase the resources of the community or to resolve major problems confronting the state and the community.

COORDINATING OFFICE AND INFORMATION CENTER

In general, the Director of Extended Day and Summer Sessions is responsible for the total program of continuing education and community service. He directs, supervises, and administers the Evening Program (both academic and vocational), the Mountain Home Air Force Base Program, and special workshops, institutes, seminars, and conferences both on and off campus. In addition, he is responsible for the development, direction, and coordination of the Community Development-Community Service program with the Deans of the various schools as well as with the administrators of other major functions of the College.

The nature of the programs under his direction include credit, noncredit, vocational, avocational, and special interest courses on the college level and at the less than college level.

For more information about the programs, special services and development activities of the College, contact Mr. James R. Wolfe, Director of Extended Day and Summer Sessions, Boise State College, 1910 College Blvd., Boise, Idaho 83725 or telephone 385-1209.

CONTINUOUS REPORT OF ACTIVITIES

Boise State College maintains a daily activity information service on a special telephone line. By dialing 385-1111, current information concerning activities taking place on campus is available. The automatic answering device will give information concerning student activities, sports and other events taking place daily on campus. The number may be dialed at any time, day or night.



SCHEDULES OF FEES AND CHARGES

All of the fees, tuition, and other charges are due and payable at the time of registration each semester. Board and room charges may be paid in advance for the year or arrangements may be made to pay in advance on a partial payment basis by consulting the Director of Housing. (See section under Housing.)

Veterans and war orphans who plan to attend on the GI Bill of Rights must, upon registration, present their certificates of eligibility and must pay all required charges at time of registration. **Twelve** credit hours for undergraduate students and **nine** credit hours for graduate students will be considered by the Veterans Administration as a full schedule. Note: Audits and repeats may not be counted toward these hours.

SCHEDULE FOR VETERANS BENEFITS

	Graduate	Undergraduate
Full-time Benefits	9 or more hours	12 or more hours
3/4 Benefits	6-8 hours	9-11 hours
1/2 Benefits	4-5 hours	6-8 hours
Tuition only	less than 4 hours	less than 6 hours

Veterans must furnish the Registrar with transcripts of previous post-high school credit.

TUITION AND FEE SCHEDULE

Eight or more hours made up of any combination of credit, audit, equivalent, and/or retake hours will be considered a full schedule for purpose of calculating charges.

All fees, tuition and other charges are subject to change at any time by the State Board of Education acting as the Board of Trustees for Boise State College.

Full Time	Idaho Resident	Non-Resident
Tuition: (per semester)	\$ 0	\$470.00
Institutional Fees	178.00*	178.00*
TOTAL TUITION & FEES	178.00	648.00

* Includes 3% Idaho Sales Tax.

OTHER FEES

Part-time	\$18.00 per semester hour
Summer	18.00 per semester hour
Audit	13.00 per semester hour

Application Processing Fee: (Non-Refundable) . . . 10.00

Testing Fee:

Students who have not taken the ACT tests on a regular national testing date will take the test during registration week. There will be no charge to those who have already taken the test	13.00
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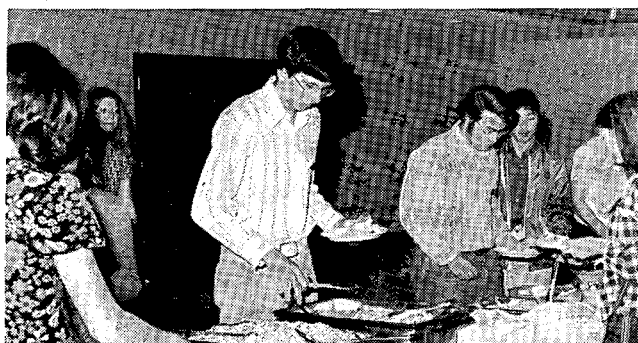
Graduation Fee:

Non-refundable, required of all graduates	5.00*
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*Plus 3% Idaho Sales Tax; cap and gown rental to be arranged with College Bookstore.

GENERAL INFORMATION

Fees and Charges



Music, Performance:

	PER SEMESTER
All private music lessons: 2 credits	\$ 55.00
4 credits	110.00

Fee waivers will be granted to all full-time music majors (8 hours or more) for all required private performance study leading to a B.A. or B.M. degree. Students receiving a fee waiver must be concurrently enrolled for credit in a major ensemble and in Concert Class. Students must be receiving a grade of C or better in the ensemble and a grade of S in Concert Class. Unsatisfactory grades at mid-term will result in cancellation of the fee waiver for the entire semester.

All students receiving fee waivers must be making satisfactory progress ("C" grade or better) in their private performance study to be eligible for a fee waiver the following semester.

Students receiving a fee waiver on an instrument leading to a proficiency examination must attempt the examination at the end of the first year of study and each semester thereafter until successful completion. No more than four semesters of fees for this purpose will be waived.

Late Registration Fee \$5.00

To help defray the extra cost involved with late registration, a fee of \$5.00 is charged after the regularly designated days for registration. If a student is forced to register late because of **reasons completely beyond his control**, he may petition for waiver of late fees prior to payment. An Application for Waiver of Late Fee should be picked up in A-100, filled out completely by the student, and taken to the Vice-President for Student Affairs, or his designee, for consideration. The cashier is not authorized to accept a late registration without the payment of the late fee or a waiver of late fee.

Special Workshop Fees

Special Workshops are conducted throughout the year which are not part of the regularly scheduled courses or workshops funded through the College General Fund Budget.

All students, regardless of full time or part time status, will be required to pay the Special Workshop Fees which are set in relation to the expenses required to conduct the course. Registration for these workshops will not change the status of a student for fee purposes.

RESIDENCE HALLS:

Meal Options:

- Option A: 7-day/20 meals (breakfast, lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
- Option B: 7-day/14 meals (lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
- Option C: 5-day/10 meals (lunch, dinner, Monday through Friday)

Rates:

Morrison & Driscoll:

double:	A: \$916.00	B: \$880.00	C: \$861.00
single:	A: \$980.00	B: \$944.00	C: \$925.00

Towers: double: A: \$922.00 B: \$886.00 C: \$867.00

Chaffee: double: A: \$932.00 B: \$896.00 C: \$877.00
single: A: 1018.001 B: \$982.00 C: \$963.00

MARRIED STUDENT HOUSING:

College Courts: small one: \$60.00 two: \$83.00
large one: \$76.00 three: \$88.00

College Manor: one: \$110.00 Two: \$134.00
College Heights: one: \$110.00 Two: \$134.00

FLIGHT LABORATORY FEES

AV-121.....	\$340.00
AV-122.....	\$471.00

All fees, tuition and other charges subject to change without notice.

RESIDENCE

The legal residence of a student for fee purposes is determined at the time of initial application and will be reconsidered, thereafter, upon appeal by the student. Appeal affidavits can be acquired in the Admission's Office. Section 33-3717, Idaho Code, specifies that a resident student shall be:

- (a) Any student under the legal voting age whose parents or court-appointed guardian are domiciled in the state of Idaho. Domicile is deemed to exist when the parent or guardian has established residence in Idaho for an indefinite time and the former residence is abandoned. To qualify under this section the parents or guardian must be residing in the state on the opening day of the term for which the student matriculates.
- (b) Any student, legal voting age or older, who has continuously resided in the state of Idaho for twelve (12) months next preceding the opening day of the period of instruction during which he proposes to attend the college or university.

REFUND POLICY

General fees — When any regularly enrolled student withdraws from Boise State College, a refund of registration charges, including nonresident fees, computed from the regularly scheduled registration day will be on the following basis:

Before classes begin	100%
(Less registration procedure charge of \$15.00)	
During first 2 weeks of classes	75%
During 3rd and 4th weeks	50%
After 4th week	NO REFUNDS

This policy also pertains to part-time students, including special evening classes. No special consideration is to be given to late registrants in extending the refund policy, and these students will not receive a refund on any portion of the late registration fee. The college reserves the right to deduct from the refund any outstanding bills. An itemized statement of deductions will be forwarded with the refund check. Upon completion of the withdrawal process, a refund check will be prepared and issued in approximately two to three weeks from date of withdrawal.

DELINQUENT ACCOUNTS

The cancellation of the registration and withholding of academic credit of any student with a delinquent account or an unsatisfactory financial relationship with the business office is authorized without notice if the student has been contacted. This regulation may be invoked at the discretion of the Coordinator of Administrative Services in cases of disregard of the settlement of returned checks, loss of property or breakage, dormitory or housing breakage, library fines and losses, telephone toll charges, overdue notes, parking violations, etc.

DISHONORED CHECK POLICY

A charge of \$5.00 will be assessed each time a check is returned; this amount will be charged to the student and he will be notified. If not cleared within 10 days, a second notice will be sent and a "hold" placed on his records.

Any check that is registered in payment of registration fees and subsequently returned by the bank will result in automatic postponement of the student's registration and the student will be subject to a late registration fee.

- (c) Any student under the legal voting age who is a graduate of an accredited secondary school in the state of Idaho, and who matriculates at a college or university in the state of Idaho, during the term immediately following such graduation regardless of the residence of his parent or guardian.
- (d) The spouse of a person who is classified, or is eligible for classification, as a resident of the state of Idaho for purposes of attending a college or university.
- (e) A member of the armed forces of the United States, stationed in the state of Idaho on military orders.
- (f) A student under the legal voting age whose parent or guardian is a member of the armed forces and stationed in the state of Idaho on military orders. The student, while in continuous attendance, shall not lose his residence when his parent or guardian is transferred on military orders.
- (g) A person separated, under honorable conditions, from the United States armed forces after at least two (2) years of service, who at the time of separation designates the state of Idaho as his home of record and enters a college or university in the state of Idaho within one (1) year of the date of separation.
(legal voting age is defined by BSC to be 18 years of age or older)

Regulations adopted by the State Board of Education and Board of Regents for the University of Idaho:

In compliance with Section 33-3717, Idaho Code, the State Board of Education and Board of Regents of the University of Idaho, meeting in regular session June 9, 1970, adopts the following uniform and standard rules and regulations applicable to all state colleges and universities now or hereafter established to determine residence status of any student and to establish procedures for review of that status. To Wit:

1. A student is deemed to be "attending" an institution of higher education when he is paying regular fees required of a full-time student at the institution concerned. (See (b) above)
2. The State Board of Education and Board of Regents of the University of Idaho shall deny resident status to any student who is not a citizen of the United States, unless he complies with the definition of a permanent resident established by the United States Immigration and Naturalization Service. A foreign student whose sole purpose for being in the state of Idaho is attendance at a higher education institution, shall not be classified as a resident student.
3. Any student classified as a resident for purposes of higher education by one institution shall be so classified by all other institutions in the State under the jurisdiction of the State Board of Education and Board of Regents for the University of Idaho.

GENERAL INFORMATION

Fees and Charges

HELD PACKETS

Registration Fees are due and payable at the time of Registration. If packet is not cleared by full payment within one class day of registration, the packet will be returned to the Dean of Admissions, and the class cards put back in the files for other distribution. If financial assistance is required, the following possibilities are suggested:

1. Financial Aids Office
2. Bank Loan
3. Family Loan

Once a packet has been returned to the Dean of Admissions for stripping, a subsequent registration is required when fees can be paid.

AUDITING OF ACCOUNTS

All funds for public purposes within the College and subject to the jurisdiction of either the College or the Associated Student Body and which are contributed to or collected by any student or faculty member shall be deposited with the Chief Accountant, subject to withdrawal upon written approval of the proper authorities. An accounting of all receipts and expenditures in the funds shall be made by those responsible for their collection immediately after they shall have been disbursed, this accounting to be audited by the Chief Accountant.

INSURANCE COVERAGE

All full-time students at Boise State College are required to take insurance coverage which is paid with regularly assessed institutional fees. Students who are covered by family or other plans may obtain a refund through application to the insurance agent for Boise State.

Boise State College carries liability insurance covering all on-campus and official college functions including student activities.



PART 2

Student Personnel Services

STUDENT PERSONNEL SERVICES

OFFICE OF THE VICE PRESIDENT FOR STUDENT AFFAIRS

The office of the Vice President for Student Affairs coordinates the activities of the College that provide direct service to the student. All services are considered supportive to the instructional program and are designed to provide direct assistance to students in the attainment of their immediate and long range educational goals.

The staff of the Vice President for Student Affairs administers a student services program encompassing student government, housing, organizations and activities, health, Student Union, counseling, financial aids, admissions, registration, career planning and placement, as well as High School and College relations.

STUDENT ADVISORY AND SPECIAL SERVICES

The primary responsibilities for general advising, counseling, and assistance are provided through the Office of Student Advisory and Special Services. Coordination of the Veterans' Affairs Office, the Minority, Handicapped, and Disadvantaged Student programs, Foreign Student Advising and other special student services are responsibilities of this area. This office also develops and publishes the Boise State College Student Handbook.

All *Complete Withdrawals from College* as well as student appeals, special requests, and petitions are initiated and cleared through this office (see page 26 of this bulletin).

Veterans' Affairs

This office provides services and assistance for all veterans enrolled at Boise State College and non-student veterans living in the College's normal service area. The Veterans' Coordinator and Assistant actively contact veterans through an Outreach program to inform and advise them of their eligibility for veterans' educational and other benefits and assistance. The office is responsible for establishing special education programs of a remedial, motivational, and tutorial nature that will assess veterans' needs, problems, and interests. The Veterans' Affairs staff will refer veterans in need of counseling to the other student assistance areas and to community agencies.

ADMISSIONS AND RECORDS

All matters relating to admission to the College and to credit for work at other schools and colleges are administered by the Dean of Admissions Applications for admission, and inquiries about admissions should be addressed to the Dean of Admissions, Boise State College, 1910 College Boulevard, Boise, Idaho 83725.

In addition to admissions, this office has general administrative responsibilities for academic retention and readmissions activities, maintenance of student academic records, certification of completion of requirements for undergraduate degrees, registration procedures, and eligibility for athletic participation. This office also administers relations between students and the Selective Service Boards, Social Security Administration, and Veterans' Administration Affairs.

REGISTRAR

The Office of the Registrar is responsible for direct maintenance of student academic records. All inquiries concerning credit earned at Boise State College or credit earned at some other institution should be made to The Office of the Registrar, Boise State College, 1910 College Boulevard, Boise, Idaho 83725.

High School and College Relations

The area High School and College Relations is responsible for design, coordination, development, supervision, and implementation of programs which transmit to any and all agencies the educational opportunities and advantages available at Boise State College. This also includes coordination of high school visitation and the follow up with high schools and junior colleges throughout the state of Idaho.

This office works closely with all of the other offices within the framework of Student Personnel Services.

STUDENT UNION

The Student Union Building is designed to offer students, faculty, staff and the community a wide variety of facilities for social, recreational, study, dining, and meeting needs. Services available on the first floor of the Union are the snack bar, information center, which handles ticket sales to Boise State activities, Alumni Office, Scheduling Office, a full-service Bookstore, and Barbershop. Also located on the first floor is the games area which has a six lane bowling alley, pool tables, coin machines, a quiet games area, rental equipment area, and a special outdoor recreation program.

Two spacious student lounges are available, one located on the first floor and one on the second floor. Both are equipped with fireplaces and provide a view of the entire campus. On the second floor of the Union are numerous meeting rooms and banquet facilities, a T.V. lounge, the Main Dining Room for boarding students, the Ball Room with a capacity of 900 and offices for the student activities and Student Union Director, Associated Students, student activities and Arbiter.

The third floor of the building consists of an elegant student lounge— "The Lookout"—with a panoramic view of the city of Boise, the campus, the mountains, and the Boise River.

The Student Union is governed by the Student Union Board of Governors, which consists of eight student members, three faculty members, four administrative members and an Alumni representative. The Board recommends policy to the President regarding building usage and general programs. A full-time Director and staff are employed to operate the Student Union Building and coordinate the student activities and organizations program.

Bookstore

The Bookstore is operated by the College as an official source for all textbooks, study aids, and other school supplies needed by students.

STUDENT PERSONNEL SERVICES

Services

Located in the College Union, the Bookstore has textbooks available for every course offered by the College. Used books are stocked for resale wherever possible.

Also offered is a wide variety of merchandise for sale. This ranges from precision drafting equipment and writing materials needed for class use to toilet articles and the latest books. Also available in the store are art supplies, greeting cards and stationery, and a large paperback book section for the students.

HEALTH SERVICE

The Student Health Service assists the academic goals of students by providing health education, preventive medicine, and therapeutic care. We attempt to help the student achieve optimal health with quality medical care at a reasonable cost.

All full time students should be familiar with the location of the Health Service, 2121 College Boulevard. It is directly across from the Campus School. The health fee entitles the student to receive medical care and consultation during regular clinic hours. Additional community services are utilized when necessary. Some services deemed to be the responsibility of the student, and not included in the health plan, are dental care, eye glasses, allergy tests, routine physical examinations, and pregnancy.

The Student Health Service exists for full-time students only. Inquiries regarding the pre-admission medical examination and services rendered can be made directly to the Student Health Service, Boise State College, 385-1459.

CENTER FOR COUNSELING, TESTING AND GUIDANCE

The Center for Counseling is a service designed to help students with personal, educational, vocational and social problems. Professional counselors work with the student in a setting that allows confidential discussion of the student's concerns. This service is based on the premise that many normal individuals have, at some times, problems that they cannot resolve alone. The student may concentrate on a specific problem or he may work on his general adjustment to the academic life. Psychological tests may be used for self-evaluation and information. Occupational information is available.

All students are eligible for counseling. Appointments may be made by phone—extension 1601 or in person at the Counseling and Testing Center, second floor, Library Building, room 247.

ALUMNI AFFAIRS OFFICE

The Alumni Office is located on the first floor of the Student Union Building. The function of the office is to coordinate activities of the Boise State College Alumni Association, a voluntary organization incorporated in 1967. Membership includes all graduates and entitles them to receive alumni news publications, placement services, use of the Student Union and Library facilities. The objectives and goals of the association are to maintain contact with

graduates and former students and to promote their interest in and support of the College. The office publishes a magazine and newsletter, and periodical mailings keep the alumni informed of campus activities. All members are urged to keep the Alumni Office informed about changes of address, employment status, marriages, births, and other information of interest to fellow class members. Students and alumni are welcome to visit at any time during office hours.

CAREER AND FINANCIAL SERVICES

Career and Financial Services provides a program of advising and assisting students regarding financing their education, determining what they want to do when they graduate and obtaining career employment upon graduation. The office is located in Room 117, Administration Building.

Career Services

Career and financial Services provides career planning and placement assistance to students and alumni. This is an equal opportunity service. Basic services include:

1) Career Planning and Information

Professional staff are available to provide information and assistance regarding career choice and placement opportunities. Career and Financial Services maintains a career resource center in room 124, Administration Building, containing a growing library of career information, recruiting literature, the College Placement Annual, and other career references.

2) Credential Service

By establishing a placement file with Career and Financial Services, students may assemble a permanent file containing all the vocationally significant data at a time when instructors and administrators remember them best. Once a file is established, copies may be sent to prospective employers. Students are encouraged to establish credential files early in the year they plan to graduate.

3) On-Campus Interviews

Students and alumni are also welcome to interview with the employers recruiting on campus. Each year, representatives from business, government and educational institutions arrange for interviews in the Career and Financial Services office.

Financial Assistance

Boise State College has a comprehensive financial assistance program which includes a variety of types of scholarships, loans, grants, and part-time jobs for which one might apply.

Non-Discriminatory Policy of Assistance

The Career and Financial Services office adheres to Title VI of the Civil Rights Act of 1964 which states "no person in the United States shall, on the ground of race,

STUDENT PERSONNEL SERVICES

Financial Aids

color, national origin, be excluded from participation or be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."

Applying for Financial Aid

Because of major differences in the criteria used in awarding various forms of assistance available through Career and Financial Services, several different application forms are in use depending on the types of aid sought. An applicant may have to complete one, two, or more of these application forms. The three primary forms are discussed briefly below.

Generally, students who are seeking aid on a financial need basis should always complete the American College Testing/Family Financial Statement. Those with need who also meet the Basic Economic Opportunity Grant stipulations should complete the BEOG application. Those seeking an award based on scholarship alone need only complete the Boise State Academic Scholarship Application.

The American College Testing/Family Financial Statement

(Hereafter referred to as the ACT/FFS), can be obtained from Career and Financial Services, high school counselors, or ACT, P.O. Box 1000, Iowa City, Iowa 52240. Complete pages one, two, and three of the instructions/worksheet of the ACT/FFS. Use a soft pencil and transfer the information from the worksheet to the ACT/FFS mark sense card. Obtain necessary signatures. Prepare a check or money order (no currency) payable to 'American College Testing' and mail both check and card in the envelope provided addressed to Iowa City, Iowa.

Carefully complete the fourth page of the ACT/FFS worksheet titled "College Copy Supplemental Information Sheet" and mail the four-page document to the Coordinator, Student Financial Aid Programs, Boise State College, Boise, Idaho, 83725. *The priority deadline for these applications is March 1, 1975 to receive aid for the following Fall.*

Basic Educational Opportunity Grant Program Application

Applications for the Basic Educational Opportunity Grant Program, hereafter referred to as BEOG, can be obtained from the Career and Financial Services office, high school counselors, or local post offices. After this application is completed, it should be mailed to BEOG. Upon receiving the Family Contribution Analysis Report (FCAR) from BEOG, the student then submits the FCAR to Boise State's Career and Financial Services office for determination of the award amount. As of this printing, BEOG had not established 1974-75 application deadlines. See below for more details on eligibility.

Boise State College Academic Scholarship Applications

These can be obtained from the Coordinator, Student Financial Aid Programs, Boise State College, Boise, Idaho, 83725. These applications are to be returned to the Career

and Financial Services office. *The deadline for scholarship applications is February 1, 1975. NONE postmarked after February 1st will be processed by Career and Financial Services.*

Vocational Rehabilitation and Other State and Federal Assistance

It is the obligation of Career and Financial Services to consider other governmental agency aid funds as direct educational resources. Applicants for financial aid who are also negotiating with Vocational Rehabilitation for direct educational expenses are required to file the ACT/FFS.

Duplication of Aid

Failure to promptly inform Career and Financial Services of other aid which is a duplication of funds already provided may subject the student to cancellation of his registration at the request of Career and Financial Services and subsequent reimbursement of funds provided by the College.

Renewal and Re-Application

It is necessary to file the appropriate aid applications *each year* to be eligible for renewal of all types of financial assistance.

Identification of Self-Supporting (or Independent) Student

Under Federal regulations, a student is eligible for consideration as an "independent student" for Federal student financial aid who:

- 1) Has not and will not be claimed as an exemption for Federal income tax purposes by any person except his or her spouse for the calendar year(s) in which aid is received and the calendar year prior to the academic year for which aid is requested.

- 2) Has not received and will not receive financial assistance of more than \$600 from his or per parent(s) in the calendar year(s) in which aid is received and the calendar year prior to the academic year for which aid is requested, and

- 3) Has not lived or will not live for more than 2 consecutive weeks in the home of a parent during the calendar year in which aid is received and the calendar year prior to the academic year for which aid is requested.

Financial Aid Program

Since the various student aid programs are continually being revised, only a brief description is presented here below. For a more detailed statement, contact the Coordinator, Student Financial Aid Programs at Boise State.

A. Scholarships

1) Academic and Vocational Scholarships

Career and Financial Services cooperates with academic department and the Vo-Tech Division in awarding a number of scholarships. These awards are based on ability and accomplishment and are available to both new and continuing students.

Students interested in these scholarships should contact the Career and Financial Services for a BSC Academic Scholarship Application. *The deadline for the applications is February 1st.* Students are advised to contact the chairman of their academic department for details concerning department criteria for academic scholarship.

2) Restricted Scholarships

Career and Financial Services also administers a number of scholarships that are awarded on the basis of financial need, academic excellence, and other criteria stipulated by the contributor. To be considered for these scholarships, students must submit by *February 1st* both a BSC Academic Scholarship Application and the ACT/FFS.

3) Service Awards and Other Grants-Aid

Various departments and schools in the college also have some restricted scholarships and service awards. Students should check with Career and Financial Services for a list of these other awards.

4) Presidential Awards

A limited number of Presidential Awards are available for incoming Freshmen. These awards are given annually in recognition of academic achievement, leadership, performing arts, or special talent. Applicants should contact the office of the Coordinator of High School and College Relations, Boise State College, 1910 College Blvd., Boise, Idaho, 83725.

B. Federal Student Aid Programs

Career and Financial Services administers the various federally supported student aid programs. Students interested in any of these forms of financial assistance should file an ACT/FFS.

1) National Direct Student Loan

A long term program wherein both interest and payment are deferred while the student attends an accredited college or university.

2) Nursing Student Loan

A loan available to students admitted to the registered nursing program at Boise State College.

3) Federally Insured Student Loan

The Federally Insured Student Loan program provides insurance for loans made by authorized lenders to students. Loans are made at the discretion of the lender. Career and Financial Services will advise applicants which lending institutions in the area are participating. The ACT/FFS must be filed. OE Form 1154 and OE 1260 will then be completed by the Career and Financial Services Office.

4) College Work Study Program

The majority of on-campus student jobs are funded by this program. An ACT/Family Financial Statement is required each year to determine eligibility and financial need.

5) Supplementary Educational Opportunity Grant

Students whose need is such that it is not met by other forms of financial assistance available may be considered for a Supplementary Educational Opportunity Grant (SEOG). Grants *must* be matched with other sources of aid such as loans or work study employment. An ACT/Family Financial Statement must be filed each year in order to determine eligibility and financial need.

6) Nursing Scholarship

The purpose of the Nursing Scholarship (a federal grant) is to encourage and enable exceptionally needy students who otherwise would be unable to continue their education to pursue their studies at institutions of higher education in the Registered Nursing field. Students must be accepted into the Registered Nursing program and file an ACT/Family Financial Statement each year a grant is sought. Students who enroll in the third year RN "Satellite Program" in cooperation with Idaho State University are not eligible for nursing student loans or nursing scholarships administered by Boise State College. They should contact the Director of Financial Aids, Idaho State University, Pocatello, Idaho, 83201 for instructions.

7) Basic Educational Opportunity Grant (BEOG).

Students must submit the application for determination directly to BEOG for consideration in this program. At this time, Freshmen and Sophomores (no college prior to July 1, 1973) **ONLY** are expected to be funded for 1974-75.

8) Law Enforcement Education Program

The Law Enforcement Education Program (LEEP) authorized under the Omnibus Crime-Control Safe Streets Act of 1968 provides funds for fees and books for the up-grading of law enforcement personnel. Recipients of a grant must be full-time employees of a publicly funded law enforcement agency for a period of two years following completion of any course of study by a grant. A special application is necessary each semester. Failure to continue law enforcement employment obligates the grant recipient to repay the full amount of the funds awarded. Loans in excess of fees and books are available only to law enforcement personnel who are certified to be on academic leave. An ACT/Family Financial Statement must be filed. Applications must be received prior to four weeks before registration.

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Financial Aids

9) Native American (American Indian) Students - Tribal and BIA (Bureau of Indian Affairs) Grants

A student whose eligibility for Indian student education grants-in-aid can be verified by their tribal agency, in addition to filing the ACT/FFS, should request a special affidavit from the Career and Financial Services office. Two copies are to be sent to the Education Specialist of the Tribal agency.

10) Migrant Opportunity Program (M.O.P.)

This program may provide grants to students from families who are migrant or seasonally employed agricultural employees and whose income is below the poverty level. Applicants should complete the ACT/FFS and contact Career and Financial Services for additional information.

C. Other Institutional Aid

1) Other Part-time Employment

Part time and vacation employment services are available to all full-time students and their spouses and part-time students who are working towards a degree from Boise State College. A great variety of types of jobs and hours to work are listed each year. Applicants must meet the qualifications established by the various area employers who list these positions with Career and Financial Services. This job referral service is located in room 117, Administration. Some job opportunities on campus may be available to students who desire to work and may not meet the strict financial need requirements of the federal College Work Study program.

2) BSC Student Loans

Loans on a short term repayment basis are made to students contingent upon documented need and funds being available. Students with immediate, temporary financial need should contact Career and Financial Services for a BSC Student Loan Application.

3) Waiver of Non-Resident Tuition

The college has been authorized a strictly limited number of Waivers of Non-Resident Tuition awarded by Career and Financial Services. All other sources of aid must be explored before an applicant is provided a tuition waiver. An ACT/FFS must be filed. Non-resident students who have forfeited athletic grants-in-aid (which include tuition), may not be considered. Renewal of a waiver is *not* automatic with satisfactory academic progress. An ACT/FFS application for *renewal* is necessary. Those filed by March 1st annually will be given priority consideration.

4) The Non-U.S. National (Foreign Student)

Since most funds at the disposal of Career and Financial Services are from federal programs, they are not available for non-U.S. citizens. Emergency funds in the W.L. Gottenburg Foreign Student Loan Funds and the Boise Rotary International Student Loan

Funds are available upon recommendation of the foreign student advisor. Repayment to the college within a specified time is mandatory.

Foreign Student Regulations

The State Department has modified its guidelines on foreign visas. The student will have to demonstrate that he has resources for the entire period of intended study (though this does not mean having cash in hand in advance). Also under consideration is a proposal to terminate authorization for summer employment of foreign students, which is provided on a year-to-year basis by the Immigration and Naturalization Service.

Contributors of Scholarships

Memorial contributions, trust funds bequeathed for education, and annual pledges from individuals, organizations and business firms make it possible for Boise State to administer scholarships ranging from \$25 to \$375 per semester. A list of such donors is included in the back of this catalog and a full listing of all benefactors is published annually at Commencement. Recently announced scholarship funds include *John Lynn Driscoll, Jr.* Scholarship Fund for academically outstanding freshmen and the first of its kind—*The Whittenberger Foundation Graduate Fellowships* for students majoring in Business Administration or in Graduate Education degrees.



STUDENT ACTIVITIES

Program Center

The Program Center, located on the second floor of the Student Union, acts as the central office for all campus activities. It houses the Student Union Program Board (SUPB) Offices, the Union Program Office, and has mailboxes and filing cabinets for the various campus organizations. Come to the Program Center to obtain any information regarding campus activities.

Student Union Program Board

The Student Union Program Board (SUPB) is composed of 15 student committees which have the responsibility for planning and implementing a well-rounded activities program at Boise State. There are about 150 positions available to students each year on the various SUPB committees such as Pop Concerts, Classical Concerts, Pop Films, Foreign Films, Lectures, Coffeehouses, Art Shows, etc. Students are urged to apply in the Program Center.

Student Organizations

On the Boise State College campus there are a large number of student organizations covering almost every area of student interest. There are student chapters of professional organizations, special interest groups and other extracurricular organizations. These organizations and groups provide broad opportunities for student participation.

Further information on student organizations may be found in the student handbook or by contacting the Program Center in the Student Union.

Student Government

Every full-time student is officially a member of the Associated Students of Boise State College (ASBSC).

The fee that each full-time student pays to student government is used to fund a complete social program, a student newspaper, a yearbook, a complete men's and women's intramural and recreational program, a drill team, a marching band, cheerleaders, and partially fund such programs as drama, debate, choir and community symphony.

Other related programs administered by student government would include Homecoming, Parents' Day, All-Idaho Week, a Draft Counseling Center, a volunteer placement bureau, a family-planning information center, a part-time lawyer available to all students, a campus beautification program and the funneling of student opinion into every faculty or administrative committee dealing with the governance of the College.

Additional information regarding student government may be obtained from the Student Handbook or in the ASBSC Offices on the second floor of the Student Union.

Religious Activities

Students are encouraged to participate in local churches. Several religious groups have buildings for students near the campus. Most groups affiliated with Boise State College meet in the Student Union for discussions and fellowship.

All Faiths Council is composed of student representatives or recognized religious organizations on campus. The Council promotes and coordinates religious activity. This includes not only Christian and Jewish organizations but also the great Eastern religions. The Council encourages and assists new groups to form on campus and receive recognition from the Student Senate.

Student Publications

A number of student publications are printed during each school year to serve as sources of information for new students, to report the many events of interest to the campus community, and to record the year's activities.

The Arbiter is the official newspaper of the students of Boise State College. Staff positions are open to full-time students interested in journalism, not necessarily journalism majors.

Les Bois is the college annual published by the Associated Students. The editor is appointed each year by the ASBSC President and other positions on the staff are open to all interested full-time students.

Boise State College Student Handbook is the official guide of the ASB Student Government and the College to Boise State College Policies and Procedures, Activities, Organizations, and Student Government. The Handbook is published annually through the joint efforts of the ASBSC Student Handbook Committee and the Student Advisory and Special Services Office.

Social Fraternities and Sororities

Boise State College has a number of national social fraternities and sororities. Local chapters of Alpha Chi Omega, Alpha Omicron Pi, Alpha Xi Delta, Delta Delta Delta, and Gamma Phi Beta for women, as well as Kappa Sigma, Sigma Tau Gamma, and Tau Kappa Epsilon for men are active on campus. Membership in these fraternities and sororities is by invitation only. Students interested in obtaining more information about them should write directly to the Activities Center, College Union Building.

Band, Orchestra, and Choir

The Music Department provides opportunity for music students, as well as other interested students who can qualify, to participate in the Boise State College orchestra, bands, choirs, and smaller ensembles.

Theatre

All members of the Associated Students are admitted without charge to a full season of theatre productions. All

STUDENT PERSONNEL SERVICES

Student Activities

students of BSC who have the required grade point average are eligible for participation in all aspects of these extracurricular activities.

Debate

Members of the Debating Team travel many thousands of miles each year to engage in intellectual competition with schools from across the country. Proficiency in critical thinking, public speaking and the ability to investigate and intensively analyze significant contemporary issues are the goals sought by students involved in this activity. Financed primarily from the Associated Students of Boise State College budget, it is open to all students who wish to participate.

Athletics

The College encourages athletics as a part of its educational program, with all intercollegiate sports directed and controlled by the Athletic Director, and his staff.

Teams have been organized in football, cross-country, basketball, wrestling, skiing, baseball, track, and tennis. Intercollegiate varsity and freshman athletic events are played under the rules of the National Collegiate Athletic Association (NCAA), of which organization the College is a member. Eligibility to participate is determined by the Boise State College Athletic Board of Control.

The ASBSC and the Department of Physical Education through the Recreation Board provide intramural sports as a recreational opportunity for all students not actively engaged in intercollegiate athletic competition. Intramural participation is free to all students.

ELIGIBILITY FOR EXTRA-CURRICULAR ACTIVITIES

1. In order to represent Boise State College or any student organization in any extracurricular activity of an intercollegiate nature such as: Debate, Student Conferences, Fraternal or Organizational Conferences, class related activity junkets, Cheerleader and/or Broncettes trips (except athletics) a student must:

- a) Not be disqualified or suspended from the college or on academic, social or conduct probation.
- b) Be currently enrolled as a full-time student.
- c) Have earned at least a 2.00 Cumulative GPA during his previous semester at this College and carried a full-time load during said semester.
- d) Have a 2.00 Cumulative GPA or better. The ABSSC President, Vice President, Treasurer, and Senate members shall have a minimum 2.25 cumulative GPA standing at the time of election to office.
- e) If a first semester Freshman, have written approval of his ACADEMIC advisor.
- f) If a first semester transfer student, have written clearance from the Student Personnel Services Office.
- g) All candidates for extracurricular activities must be certified by the Activities Center. Eligibility certification is valid for one semester and must be renewed.

2. Exceptions

Rules 1a and 1c do not apply to students engaged in activities that are required as part of a class; students participating in intramural sports or intercollegiate athletics.

Intercollegiate Athletic Eligibility

Students participating in intercollegiate athletics must comply with the eligibility rule of the National Collegiate Athletic Association. Specific information concerning individual eligibility may be obtained from the Athletic Director at Boise State College.

Student Conduct

Upon enrollment the student and the college enter into an agreement of mutual responsibility for maintaining order and standards as well as preserving the educational purpose and function of that relationship. The College is obligated to advise the student of established policies and procedures whereas the student is obligated to conduct himself as a responsible member of the college, and larger community.

As representatives of the college, students are expected to conduct themselves in a manner which will bring credit to themselves and the College. Standards of behavior should reflect good taste, courtesy, consideration and respect for the rights of fellow students.

Being a student at Boise State College does not relieve the individual of his responsibility to society and its laws. College sanctions may be imposed on a student apprehended by a law enforcement agency or appearing in a civil court, where his conduct significantly interferes with the College's educational responsibility to all members of the College community. This policy does not in any way constitute double jeopardy.

Disciplinary Sanctions

Disciplinary action for misconduct on or off the campus may include payment of damages, fines and/or constructive services, or one of the following:

- (1) *Admonition*—An expression from the administration, generally in the form of a verbal warning or caution, that the expected standard of conduct is not being maintained. Used principally with first time minor infractions.
- (2) *Censure*—An expression of disapproval or condemnation of a specific act against the standard of conduct—generally in writing—with a possible loss of a minor privilege.
- (3) *Conduct Probation*—generally a written warning, with or without a judicial hearing signifying that additional disregard for the standard of conduct will constitute grounds for suspension or expulsion. Usually a minimum time period is specified.
- (4) *Disqualification*—disciplinary action excluding the individual from participating in certain activities or privileges for a prescribed period of time. A loss of a privilege, i.e., relinquishing a student office.

- (5) *Suspension*—An administrative or Student Hearing Board action terminating registration, with a possible loss of academic credit, for a prescribed period of time. Re-enrollment must be requested by petition.
- (6) *Expulsion*—an administrative or Student Hearing Board action permanently terminating a student's registration at the institution. Readmittance is possible only by action of the President of the College.

Procedural Due Process and Right of Appeal

Fair play in all situations involving serious disciplinary actions is a right of every student. This is especially true in cases where conduct probation, suspension or expulsion are imposed or where an adverse notation may be made on a permanent record. In such cases, due process will consist of:

- (1) Adequate written notice of the charges. Normally said notice is sent from the appropriate office.
- (2) The opportunity for a fair hearing by allowing the student to appear alone or with another person to assist or advise him; to hear the evidence, its nature and source, and to offer evidence in his own behalf.
- (3) The right of the student to question the source of the evidence and to be heard by those in charge of the hearing.
- (4) The right of the student to be heard by committee, board, or appropriate official.
- (5) The right of the student to appeal the decision to the next highest authority and to be advised of the procedure.

Appeals Procedure

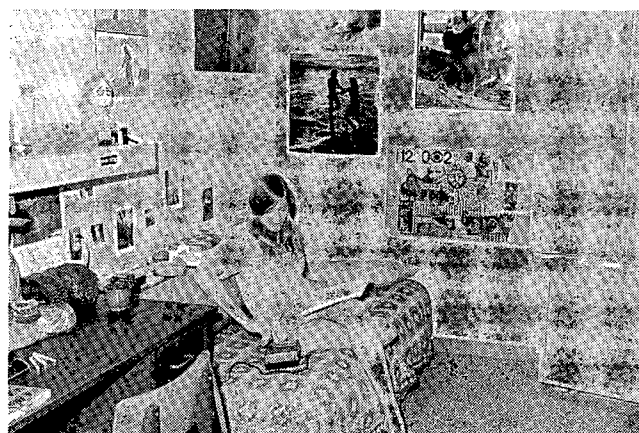
- (1) Appeals concerning traffic violations are filed with the Director of Buildings and Grounds and heard by the Appellate Traffic Council.
- (2) Appeals from a lower judicial body should be made to the next higher body, i.e., ASBSC Judiciary or Student Policy Board, through the Office of Vice-President for Student Affairs. All appeals must be in writing and submitted within one week (7 days) of the decision with copies to the original and last judicial body. The appeal should include the reason for the appeal and new evidence not considered by the original committee or council.
- (3) Appeals from decisions of the Student Policy Board may be made to the President of the College through the Office of the Vice-President for Student Affairs. The appeal must be in writing giving full details of the case and specific evidence or justification for the appeal within one week (7 days) of the previous decision.

STUDENT HOUSING

All single full-time students under 18 years of age who are not living at home or with relatives will be required to live in college residence halls insofar as space is available, or in a sorority or fraternity. Fraternity or sorority members and pledges must obtain approval to live in their respective houses. Any student who reaches the age of 18 years during the semester for which he has made application to the college will be considered to be 18 years of age for housing assignment purposes. Exceptions to this policy must be approved by the Office of Student Residential Life.

The Boise State Residence Hall Application Contract initiated at the beginning of the academic year is binding for the entire school year (fall and spring semesters). Thus the student who enters into a housing agreement with the college is committed to living in a college residence hall for the entire school year. Breach of contract will obligate the student for the full amount of the contract.

Students living off campus or at home are subject to the same standards of conduct expected of students living in college housing or residence halls.



A. Student Residential Life

The Office of Student Residential Life is primarily responsible for counseling, programming, and services related to the residence halls, married student housing, and off-campus living concerns. The Office helps to implement and initiate or revise the college's housing policies and procedures, and coordinates these efforts with the Housing Office. This Office selects residence hall staff and maintains an ongoing training program. Supervision is provided for the Inter-dormitory Council, as well as advising for the various residence hall judicial boards. Through research and various programs related to student living concerns, the Office of Student Residential Life hopes to enrich the total educational experience for the Boise State student.

B. Director of Housing

The Director of Housing and his staff are responsible for all student housing on and off the campus. The Director prepares student housing policies and procedures, conducts housing surveys, and has the responsibility of accounting for housing and food service income. The office also supervises all married student

STUDENT PERSONNEL SERVICES

Student Housing

housing and assignments; plans for redecorating, maintaining, and refurbishing of all college housing facilities; promotes the listing of public housing with the college for student use; supervises the records kept of available and occupied residence hall facilities and community housing; coordinates the housing program with the Office of Student Residential Life.

C. College Residence Halls

Boise State currently maintains four residence halls with accommodations for approximately 760 students. Living conditions are comfortable and conducive to successful academic progress. They also contribute to and encourage participation in the total college experience. The women's residence halls (the Towers and Driscoll) will accommodate approximately 378 students while the men's residence hall (Chaffee) is designed to house 300 students. The coed dorm (Morrison) provides living facilities for 78 men and women.

The Towers Dorm, located on the west end of the campus, has seven stories and accommodates 300 students. It is carpeted and air-conditioned, with study lounges and laundry facilities.

Driscoll and Morrison Halls, located on the Boise River, are virtually identical, with forty-eight single and fifteen double rooms arranged into ten suites of from six to eight students.

Morrison Hall is a coed dorm, with the men and women living in opposite wings separated by lounges and laundry facilities. The dorm is restricted to upper-class students or students over 21 years of age.

Chaffee Hall is divided into two separate three-story units of approximately fifty men to a floor living in twenty-four double rooms, two single rooms and a Resident Advisor's room per floor. Each student room is equipped with a telephone. Both units are connected by enclosed corridors to a Central Lounge and Control Unit. Each floor of Chaffee Hall is in a sense a separate living unit with a small informal lounge, study room, kitchenette, and laundry facilities.

Laundry facilities are available in each of the residence halls. Linens (sheets, pillow cases, and bath towels) are *not* provided and the student must also furnish blankets (2), iron, and a study lamp (lamps are not needed in Chaffee Hall or the Towers). All residents are required as part of the housing contract to take their meals in the Student Union dining room.

Applications for room reservations should be made as early as possible. Contract for residence hall accommodations are for room and board for the *entire* academic year. Applications must be made on an official contract form and accompanied by a security deposit of \$35.00.

D. Application Procedure

All inquiries and letters requesting information and application-contracts should be sent directly to:

Director of Housing
Boise State College
1910 College Boulevard
Boise, Idaho 83725

Applications for residence halls will be processed as soon as the following procedures have been completed:

- 1) A completed application-contract is sent to the Boise State College Housing Office with:
 - a. A \$35.00 security deposit. Check or money orders should be made out to Boise State College. This deposit is not to be construed as a partial payment for the cost of room and board. It is held (after assignment) as a damage deposit and is refundable when the student permanently moves out of the residence hall as specified in Residence Hall Contract Conditions, Form 1A. Security deposits are forfeited if cancellation of a room assignment is not received prior to August 1 for the Fall Semester and January 3 for the Spring Semester.
 - b. Signature of parent or guardian for students under eighteen.
- 2) After the items above are processed a tentative room assignment is made and the student notified.
- 3) This room assignment is officially confirmed after the student contacts the Housing Office to pay or make arrangements for room and board fees. The student will be advised of his specific room number when he moves into his hall.

ACCEPTANCE AND PROCESSING OF THE CONTRACT BY THE DIRECTOR OF HOUSING DOES NOT CONSTITUTE APPROVAL OF ACADEMIC ADMISSION TO THE COLLEGE, AND APPLICATION FOR ADMISSION IS NOT AN APPLICATION FOR HOUSING.

E. Off-Campus Student Housing

All unmarried students under 18 years of age must petition and obtain the written approval of the Office of Student Residential Life to live off campus. Lists of available housing are on file in the Housing Office. The college does not inspect the accommodations; parents and students must accept full responsibility for the selection. The college recommends that students and parents make written agreements with landlords concerning the obligation and expectations of each party.

As a matter of policy, assignments to College Residence Halls and other housing facilities are made without reference to race, creed or color, and the College expects privately owned accommodations offered through its listing service to be operated in the same manner. Listings are accepted only with this understanding.

Students over 18 years of age and/or married need not obtain approval but are welcome to contact the Housing Office for assistance.

All students are required to report any change of address, both temporary and permanent to the Office of Student Residential Life.

F. Married Student Housing

There are approximately 180 units available for full-time (8 or more credit hours) married students, all within walking distance of the campus. Rates for the College Courts apartments are \$60.00 for small one-bedroom, \$76.00 for large one-bedroom, \$83.00 for two-bedroom, and \$88.00 for three bedroom apartments. These apartments are carpeted and furnished with stoves and refrigerators. Coin-operated washing machines and dryers are located on the site. All utilities except electricity are furnished.

College Heights and College Manor were opened for occupancy during the summer of 1973 and consist of one-bedroom apartments for \$110.00 per month and two-bedroom apartments for \$134.00 per month. These apartments are fully carpeted and draped but are otherwise unfurnished, except for electric stoves and refrigerators. All utilities are furnished, including laundry facilities.

Applications for married student and family housing may be obtained in the Housing Office, Room 209, Administration Building.

RESIDENCE HALLS:

Meal Options: Option A: 7-day/20 meals (breakfast, lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
Option B: 7-day/14 meals (lunch, dinner, Monday through Saturday; brunch, dinner, Sunday)
Option C: 5-day/10 meals (lunch, dinner, Monday through Friday)

Rates: Morrison & Driscoll:
double: A: \$916.00 B: \$880.00 C: \$861.00
single: A: \$980.00 B: \$944.00 C: \$925.00

Towers: double: A: \$922.00 B: \$886.00 C: \$867.00

Chaffee:
double: A: \$932.00 B: \$896.00 C: \$877.00
single: A: \$1018.00 B: \$982.00 C: \$963.00

MARRIED STUDENT HOUSING:

College Courts: small one: \$60.00 two: \$83.00
large one: \$76.00 three: \$88.00
College Manor:
College Heights: one: \$110.00 two: \$134.00



MEAL SERVICE CALENDAR

(For the Year 1974-75)

Fall Semester—August 27, 1974 through December 19, 1974. (Except Thanksgiving Vacation, November 21 through November 24, 1974.)

Between Semesters—December 20, 1974 through January 6, 1975. Meal Service will be suspended and the Snack Bar will be closed.

Spring Semester—January 7, 1975 through May 15, 1975. (Except spring vacation, March 8 through March 16, 1975.)

All residence halls are normally closed during the above-listed vacations.

GENERAL RESIDENCE HALL REGULATIONS

Occupancy of a Hall is a privilege extended to the student by the College. The continuation is dependent upon his or her reasonable and satisfactory personal conduct and the observance of all College regulations. (Specific Hall regulations are covered in separate Hall handbook publications.)

1. Quarters are to be occupied only by the students for whom they are reserved. Neither room reservations nor meal tickets are transferable.

2. The College respects the students' right to privacy; however, the College reserves the right to enter a student's room at any time for health, safety, welfare and maintenance purposes.

3. All Residence Hall contracts are for both room and board. Contracts for room only are not available.

4. Room and board payments for the academic year become due and payable upon receipt of the letter of temporary assignment; confirmation of a room assignment cannot be made until financial terms of this contract are met by total payment or the three specified installments. Arrangements for payment other than the above must be made directly with the Housing Office.

5. Students who withdraw from school will be expected to move out of the residence halls immediately.

6. Students who reduce their course load to part-time status may be requested to leave the residence halls.

7. Students will be responsible for the furniture and fixtures in their rooms and for College property within the Hall. Where individual responsibility for damages can be determined, the individual will be charged. Otherwise, the charge will be made against the Hall or floor organization and prorated among the students living in that suite, floor, or area at the time the damage occurred.

8. Payment for damages during the academic year will not be taken out of or charged against the security deposit unless the damage charge is not paid. This deposit must remain intact until the end of the year or when the student leaves the College permanently.

STUDENT PERSONNEL SERVICES

Admission

9. Participation in fire drills is mandatory. Residents who fail to comply with this requirement and do not vacate the Hall when the alarm rings may be asked to move out because the College cannot then accept responsibility for their safety.

10. Anyone found turning in a false alarm, tampering, damaging or in any way using fire equipment or safety apparatus for other than its intended use may be immediately dismissed from the residence hall, fined, and subject to further action by the College authorities. Electrical wiring or alteration of existing wiring by students is prohibited.

11. The use and/or possession of alcoholic beverages on campus is prohibited. This includes the display of empty alcohol containers in individual rooms or elsewhere.

12. Students who reside in residence halls are responsible for providing insurance against loss or damage to

their own personal property. The College does not assume responsibility for or carry insurance against the loss or damage of individually owned personal property.

13. Social Fee: There is a social fee levied at each dormitory in the amount of \$10.00 a year, payable at check-in time.

14. Possession of torches, firecrackers, gunpowder and/or other forms of explosives that could be hazardous to the health and welfare of the students is strictly prohibited.

15. Residents of Boise State College housing must be currently enrolled students. Full-time students (8 or more credit hours) have assignment preference over part-time students. Continuing students may reside in student housing during summer months at the discretion of the Director of Housing.

Admission Requirements to the College

Applicants for admission must be at least 16 years of age. See Graduate Section for admission requirements to the Graduate School.

Undergraduate (have not earned B.A. or higher degree)

I. Students wishing to enter BSC as **full-time** (8 or more semester hours), fully matriculated **undergraduate** academic students must be at least 16 years of age and submit prior to the deadline date:

A. If **NEW FRESHMAN** (no prior post-high school credits earned):

1. A completed application
2. A \$10 matriculation fee
3. An official high school transcript or an acceptable GED certificate showing test scores
4. ACT test scores
5. A completed physical exam form

B. If **TRANSFER STUDENT** (prior enrollment at one or more post-high school institutions)

1. A completed application
2. A \$10 matriculation fee
3. Evidence of high school graduation or an acceptable GED certificate showing test scores
4. ACT test scores or evidence of successful completion of English Composition sequence
5. A physical examination, reasonably current
6. Official transcripts from all colleges previously attended, showing good academic standing.

C. If **VETERAN**:

1. A completed application
2. A \$10 matriculation fee
3. An official high school transcript or an acceptable GED certificate showing test scores
4. ACT scores or evidence of successful completion of English Composition sequence
5. A physical examination, reasonably current, or a copy of DD214 (Service Record), reasonably current.
6. Official transcripts from all colleges previously attended, showing good academic standing.

D. If **FORMER FULL-TIME BSC STUDENT** (has no post-high school institution since last BSC attendance):

1. A completed application

E. If **FORMER PART-TIME BSC STUDENT** (has not fully matriculated at BSC and has attended no post-high school institutions since last BSC attendance)

1. Same requirements as A above

II. Undergraduate students wishing to enter BSC as part-time (7 or fewer hours) students must submit:

1. Only a completed application

2. The V.A. requires B.S.C. to credit all veterans for prior training. Therefore, veterans who request G.I. benefits must submit official transcripts from all previously attended colleges.

III. Student wishing to enter BSC in the Summer School Program must submit:

1. Only a completed application

IV. Students wishing to enter BSC in the Vocational-Technical Division must submit prior to the deadline date:

1. A completed application
2. A \$10 matriculation fee
3. GATB scores or high school transcripts with DAT scores
4. Personal interview with Vocational-Technical Counselor
5. Completed physical examination form
6. DENTAL ASSISTING PROGRAM REQUIRES IN ADDITION: High school transcript or GED scores

Admission by BSC does *not* imply acceptance into special programs. Admission into such programs as vocational and technical programs, Registered Nursing, Radiological Technology, and Respiratory Therapy are contingent upon acceptance by Program Director.

Application forms may be obtained upon request from the Admissions Office. High school and college records should be furnished on the transcript blanks of the institution at which the work was taken. Prompt attention to these details will avoid delay in registration.

Students who profess objections to physical examinations because of religious tenets will be excused from completing the physical examination form as prescribed above and a written certification of such objection will be filed with the Student Health Center.

Certificate of Admission—Applicants for admission whose credentials have been accepted will be given permission to register for the following semester. Students should plan to have all credentials submitted one month before registration to settle any questions that may arise and to receive by mail a Certificate of Admission one week before registration. Before a student may register, he must have a certificate signed by the Dean of Admissions and Records.

Students who complete matriculation after the cut off date must pick up their Certificate of Admission in the Admissions Office.

Veterans attending under the G.I. Bill of Rights (Chapter 34) or under the War Orphans Act (Chapter 35) should present their Certificate of Eligibility to the Registrar's office as soon as received in order to be certified for their attendance and eligible to receive benefits.

Veterans attending either full or part time and receiving G.I. benefits must have transcripts from previous schools sent to Boise State College.

Those attending under Chapter 31 (Rehabilitation Program) or any other provision of Title 38 United States Code, must present an Authorization of Entrance or be

charged tuition and fees. Upon presentation of this Authorization, complete refund will be made.

For information concerning the G.I. bills contact the Veterans Affairs Office in A-114.

A. ADMISSION AS REGULAR STUDENTS

By Certificate—Admission to the College is based upon credentials showing graduation from an accredited high school.

A transfer student, whether resident or non-resident, should have a minimum accumulative grade point average of 2.00 from all other schools attended prior to being allowed to enter Boise State College. Borderline cases will be decided by the Admissions Committee with the exception of foreign students, who will be counseled by the Foreign Student Admissions Officer.

ADMISSION POLICY FOR HIGH SCHOOL STUDENTS

Any currently enrolled high school student may enroll in a course or courses offered at Boise State, insofar as he has met the appropriate prerequisites simply by picking up a blank packet (which permits the student to register as a part-time student, allowing him to take up to seven credit hours) at the designated location. The student may register for credit or audit if it is determined in the best interest of the student involved.

B. ADMISSION OF TRANSFER STUDENTS

Students applying for admission as full-time students (8 or more hours) to Boise State College as transfer students from other accredited institutions are required to furnish the following material:

- 1) Completed application
- 2) \$10 matriculation fee
- 3) High school transcript showing graduation date
- 4) Official transcripts from all post-high school institutions attended
- 5) Evidence of good academic standing at most recent institution attended
- 6) Physical examination, reasonably current
- 7) ACT test scores or evidence of successful completion of one year of college-level English composition

Credit from non-accredited institutions will be accepted on the basis of the practice as reported in *The Report of Credit Given By Educational Institutions* by the American Association of College Registrars and Admissions officers. Credit denied on the basis of such practice may be sought by examination.

C. ADMISSION BY EQUIVALENCY CERTIFICATE

Any application that is accompanied by a High School Equivalency Certificate will be processed exactly as it would be if a high school diploma were presented. Inquiries should be addressed to the State Department of Education, Statehouse, Boise, Idaho.

D. ADMISSION BY EXAMINATION

Applicants who have attained the age of eighteen years and who have achieved passing scores (35 or above on all five tests and an average of 45 for all tests) will be admitted as Special Students (see below) in lieu of a high school diploma or an equivalency certificate, providing that the applicant has been away from high school for at least one year preceding his application.

E. ADMISSION AS SPECIAL STUDENT

Persons who are unable to meet requirements as regular students and desire to take special studies may be admitted on special status upon presentation of satisfactory evidence that they are qualified to do college level work.

A special student is not eligible to become a candidate for graduation until he has satisfactorily met entrance requirements or until he has completed 32 semester hours of work in the College with a grade point of 2.5 or better.

F. Admission to Vocational-Technical Courses

Any person who is interested in becoming a skilled craftsman or technician will be admitted to these courses if he complies with all admission requirements and meets the qualifications for the designated program. Graduation from high school is not necessary provided the student has been out of high school at least one complete semester. Certain prerequisite courses are required for various programs, such as one year of high school algebra and one year of high school geometry for entrance to the Drafting or Electronics Technology programs. The College does not admit applicants under eighteen years of age who are attending high school at the time of application. In rare instances, however, a high school student may be admitted provided his high school principal requests his admission. Students in the Vocational-Technical program who plan to enter certain extracurricular activities must meet regular entrance requirements. (See eligibility requirements.) *Credits in Vocational or Technical programs are not normally transferable toward an academic degree.*

G. ADMISSION WITH ADVANCED STANDING

Students entering from other colleges must present proof of honorable dismissal and official transcripts mailed directly to the Director of Admissions. Students entering from other institutions must comply with the same scholarship regulations as are applied to students previously enrolled in the college. After evaluation of transcripts students are classified as Freshmen, Sophomores, Juniors, Seniors or Graduates.

In accordance with Idaho statutes as approved by the State Board of Education, the acceptance of credits from Junior College is uniform for both certification and transfer purposes and no more than 64 semester hours or $\frac{1}{2}$ the total hour requirement of the specific curriculum is established as the uniform maximum limit effective September 1, 1950.

H. CHALLENGING COURSES— GRANTING CREDIT BY EXAMINATION

It is possible for a student to challenge a college course when he feels that because of his past background, education, and experience, he can pass an examination covering the subject material of a course. Requests for consideration are made through the Chairman of the Department in which the course is offered.

Each department shall have the option to allow or not to allow credit by examination for each course in the department. In those courses where credit by examination is allowed, the department shall have the option of using a standardized examination or an examination prepared within the department. The student attempting

I. ADMISSION REQUIREMENTS TO UPPER DIVISION

A. JUNIOR STANDING

A student must have earned 57 acceptable semester credit hours of college-level work before he is classified a junior.

B. UPPER DIVISION COURSES

Upper Division courses are open to a student who:

1. Has completed stated course prerequisites and
 2. Has completed 57 semester credits of college work.
- A Lower Division student who has a G.P.A. of 2.0 or better may take Upper Division courses if:

1. The Upper Division course is required during the Sophomore year in a specific curriculum in which the student is majoring, or

1. The student has the written permission of the Chairman of the Department in which the course is offered and concurrence of his advisor.

J. CREDIT VS. AUDIT REGISTRATION

If you take a course for credit, you will be expected to attend class regularly, complete required assignments, and take the necessary examinations. If you take a course on AUDIT basis, completing assignments, and taking examinations are optional. Courses may be taken only once for credit; however, they may be audited again, if desired.

A student auditing a course may change his status from audit to credit up to and including the last day allowed for registering for courses for credit (see Calendar, page vi). If a change is made, the student must pay any difference in a course cost and an additional \$3.00 change-in-status fee. All changes must be initiated by the student.

A student may change from credit to audit up to and including the last day of mid-semester examinations.

After that date and up to and including the last day to withdraw from classes, a student may change from credit to audit only if he is passing at the time of the request. If a change is made, the student may request a refund of the difference between the fees due for audit registration and the fees paid for credit registration; such refund will be prorated in accordance with published BSC refund policies pertaining to general fees.

K. ACCEPTANCE INTO PROGRAM

A student must declare his major upon entering the upper division. The Registrar will evaluate the student's transcripts for acceptance into the College. The student will be sent to an advisor for assistance in formulating a program to fulfill all requirements for his declared major. The student is ultimately responsible for the selection of courses for his major and the degree.

ADMISSION OF FOREIGN STUDENTS

Boise State College accepts qualified students from foreign countries to the extent that space is available. Foreign applicants are expected to meet the requirements for admission from high school or from other colleges or universities as outlined above under Admission Requirements to the College.

Credentials: Official transcripts and/or certified copies of the certificate, diploma, or government examination report received on completion of secondary school work and the degree, license, or diploma received on completion of any college or university, must be sent by the certifying agency directly to the Admissions Office and must be translated into ENGLISH.

English Proficiency: All foreign applicants are required to take and receive a satisfactory score on TOEFL (Test of English as a Foreign Language) or other examinations acceptable to Boise State College. Arrangements to take the TOEFL examination may be made by writing directly to TOEFL, Educational Testing Service, P.O. Box 592, Princeton, New Jersey 08540, U.S.A. The test must be taken and the scores received by the College prior to a decision on admission of the applicant.

Financial Statement: All foreign students must present to the Admissions Office satisfactory statements of finances and adequate proof of financial responsibility or sponsorship by a reputable American citizen or organization for all financial obligations while attending Boise State College.

Health and Accident Insurance: Boise State College recommends that foreign students accepted for admission have health and accident insurance. Boise State College makes available such a policy to all registered full-time students.

Admission to Graduate School: Foreign students applying for admission to the Graduate School must submit all of the previously mentioned admission materials. Those wishing to major in Business Administration must submit ATGSB scores (Admission Test for Graduate Study in Business). Satisfactory scores on the ATGSB examination are considered to be 450 and for TOEFL, a score of 525 is required.

Deadline for Application for Admissions: All foreign applicants must apply for admission (to include the taking of all tests and the filing of all required application forms and credentials) by the following dates:

For fall semester 1 June
For spring semester 1 September
For summer session 1 January

Upon completion of all the requirements and when final acceptance is granted to the applicant, an I-20 form will be issued to the applicant by the Foreign Student Admissions Officer.

ACADEMIC REGULATIONS

A. GRADING SYSTEM

A - Distinguished work—Four quality points per hour.

B - Superior work—Three quality points per hour.

C - Average work—Two quality points per hour.

D - Passing but unsatisfactory work—One quality point per hour.

F - Failure—No quality points per hour.

P - Pass—No quality points.

CR - Credit—No quality points.

NC - No credit—No quality points.

I - Incomplete:

The grade of incomplete can be given in cases where the student's work has been satisfactory up to the last three weeks of the semester. The returning student must contact the instructor and consider the following options:

1. Make up the work within the first half of the current semester.

2. Request of both instructor and department chairman an extension of time.

3. Retake - repeat the courses.

4. Request that the Incomplete be changed to a W.

If the student fails to contact the instructor by mid-semester, the instructor can, at that time, change the Incomplete to a "W" or elect to extend the Incomplete into the next semester. Within that next semester if the student contacts the instructor, the procedure outlined above can be followed. If there is no contact by the student, the instructor by mid-semester will change the Incomplete to a "W".

W - Withdrawal—No quality points.

A student who receives a grade of 'F' in a given course (if the course is still offered), may elect to retake that course to raise the grade. In respect to a course in Independent Study where the instructor refuses to permit the student to retake the study; where the student cannot secure permission from another instructor to accept the program of study; or, where the instructor has left the institution, the grade of 'F' upon recommendation of the department chairman, reverts to a 'W'.

A student who received a grade of D in a given course may repeat that course to raise his grade, if in the meantime he has not taken an advanced course for which the first course is prerequisite. Degree credit for courses so repeated will be given only once but the grade assigned at each enrollment shall be permanently recorded.

STUDENT PERSONNEL SERVICES

Academic Regulations

In computing the grade point average of a student with repeat courses, only the most recently received grades and quality points shall be used for the first 16 credits repeated. In the case of further repetitions the grade point average shall be based on all grades assigned and on all credits carried.

S - Satisfactory—No quality points.

U - Unsatisfactory—No quality points.

AUD - Audit—No quality points.

NR - No record.

NG - Non-gradable.

B. CLASSIFICATION OF STUDENTS

After registration students are classified as Freshmen, Sophomores, Juniors, Seniors or Graduate.

Freshman—From 0 semester credits through 25.

Sophomore—From 26 semester credits through 57.

Junior—From 58 semester credits through 89.

Senior—90 semester credits and over, but has not received B.A. Degree.

Graduate—Has received B.A. degree.

A student enrolled and classified during the first semester is not reclassified at the beginning of the second semester.

A student enrolled for 8 semester hours or more will be considered a full-time student.

A student who is carrying less than 8 hours will be classified as a part-time student.

C. ATTENDANCE AND ABSENCE FROM CLASS

Students are responsible for their attendance in the courses for which they are enrolled. No absences, whether approved by the College for participation in college-sponsored activities, or necessitated by sickness or other personal emergency, are "excused" in the sense of relieving the student of responsibility for work assigned or carried on by a class during his absence. It is his responsibility to arrange with his instructors to make up work which he is forced to miss.

A student who has been absent from a meeting of a class has lost some of the content of the course, regardless of the cause of the absence. If any student accumulates absences to the extent that further participation in the class seems to be of little value to him and detrimental to the best interests of the class, the instructor shall warn such student that further absence may cause him to fail the course.

D. ACADEMIC PROBATION AND DISQUALIFICATION

The student whose academic work indicates that he cannot continue in the college with profit to himself and credit to the institution will be placed on probation; and if he continues on probation for two semesters, he will be subject to dismissal from the college. Satisfactory performance means the orderly progression toward graduation maintaining a cumulative grade point average of 2.0 or better. The Cumulative Grade Point Average will be computed on all credits attempted.

The student who has a cumulative GPA of 1.5 or lower and who has not been enrolled in a college or university as a full-time student for a period of two consecutive years, may upon returning full time to college status, make application to the dean of the school for removal of any grade below 1.0. With the approval of the dean of the school in which the student is majoring, the GPA would be recomputed to include all grades with the exception of those dismissed. No change will be made in the transcript of record. This instrument will only affect the GPA.

The student will be placed on probation whenever the cumulative GPA falls 12 points below a GPA of 2.0. This calculation is made by multiplying by two the total credit hours in which he has been enrolled and subtracting twelve. If the answer so obtained is not exceeded by the student's total quality points, he will be subject to this regulation.

Two successive probations will result in dismissal from the college unless special permission to continue in attendance is obtained from the dean of the school. Three successive probations will result in dismissal for two semesters with no opportunity for appeal of the decision. Regardless of his cumulative GPA, no student will be dismissed if his GPA for the most recent semester is 2.25 or higher.

The entering freshman whose high school GPA is 1.50 or lower will be limited to a maximum course load of 12 units including noncredit courses.

All students on probation will be limited to a maximum course load of 12 credits including noncredit courses, retakes, and repeats.

No student on probation may participate in college-sponsored extra-curricular activities.

E. ADMISSION ON PROBATION

Students wishing to transfer to Boise State College from other colleges and universities must have a GPA of 2.00 or above on all prior collegiate work completed or have cleared the probationary provision outlined above. Transfer students from other colleges and universities who have failed to clear probationary provisions outlined above may, upon written petition, be granted permission to enroll on probation by the Admissions Committee.

F. WITHDRAWAL

Withdrawal from Individual Courses. A student may withdraw from individual courses by securing a change in registration card from his advisor, which must be endorsed by the advisor and each instructor involved, then presented to the Registrar for signature, and then cleared with the Business Office. The date on which the Registrar signs the change card will be the official withdrawal date.

Complete Withdrawal from College. A student may officially withdraw from college (all courses) *only by securing a withdrawal permit from the Office of Student Advisory and Special Services* and having it signed by same. This office will advise the student of the offices he must clear with before presenting the complete withdrawal to the Registrar's Office. After clearance with the Registrar the student is sent to the Business Office for final clearance.

A student may withdraw prior to the end of mid-semester examinations (see specific date on College Calendar) without penalty for failing work. If the student withdraws after the end of mid-semester examinations, he may receive a grade of "W" only if his work is passing as of the official withdrawal date and an "F" in all courses in which he is failing. A student may not withdraw from college or from individual courses during the last three weeks of a semester, including final examination week. Students discontinuing a course without having completed an official withdrawal shall be awarded a grade of "F."

The responsibility for withdrawing from individual courses rests with the individual student; but in certain situations the instructor may initiate the withdrawal.

1. If the student registers for the course but never attends.
2. If the student registers for the course, attends briefly, and then neglects to withdraw from the course.
3. If the student registers for the course on an audit basis but never attends, or attends for only a brief period.

In cases of a faculty initiated withdrawal the instructor will notify the office of the Vice-President for Student Affairs of the impending action. The Vice-President will then notify the student. If no further effort is made by the student within two weeks after the notification, the instructor may then initiate the withdrawal.

Right of Appeal:

In cases where a strict application of this regulation seems—in the opinion of an instructor, advisor or a student—to work an unreasonable hardship, the Office of Student Advisory and Special Services is authorized to grant exceptions.

G. COURSE PREREQUISITE WAIVER

Specific course prerequisites may be waived upon written approval of the Dean of the School in whose area the course is offered. A student seeking to have prerequisites waived must justify his request on the basis of background, education, and experience to the satisfaction of the Dean of the School.

H CREDIT FOR PREREQUISITES NOT TAKEN

Students who have a sufficiently high GPA or ACT score, or who pass a Departmental Placement examination may take designated courses without taking the listed prerequisite.

Students who receive a grade of "C" or better for a course in which they have not taken the prerequisite course(s) will be given credit with a grade of "S" for that course(s) when the following conditions are fulfilled:

1. The student makes application for this credit.
2. Department Chairmen, and Deans will determine for which prerequisite course(s) this credit is appropriate.
3. In some cases, an examination covering the content of the prerequisite course(s) must be passed by the student.

I. PETITIONS

Individuals or groups of students always have the privilege of petition. Academic petitions should be addressed to the Dean of the appropriate school. Other petitions should be directed to the appropriate administrative officer.

J. UNDERGRADUATE ENROLLMENT IN 500-LEVEL COURSES

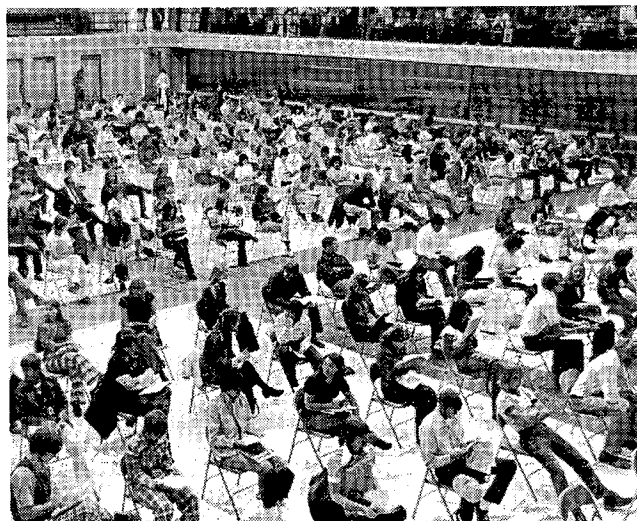
Undergraduate students at Boise State College may apply up to a total of two 500-level courses (they would enroll under special status) toward the credit requirements for their undergraduate degree. Undergraduates in 500-level courses must have senior standing. 500-level courses may be applied to the required 40 hours of upper-division credits.

STUDENTS UNDECIDED ON MAJOR

Many students have not determined a major field of study at the time they enter college and wish to enroll in general courses until such time as they decide upon a major. Often it is not necessary to determine a major until the beginning of the junior year.

The following course suggestion for the freshman year includes those basic requirements for a Bachelor of Arts Degree. Within this program a student may choose from several courses listed in each area. An elective course should be chosen from the School of Business. These courses will be counted toward graduation either as electives or possibly as requirements in the major field once it has been chosen. For minimum requirements on the Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Music, and Bachelor of Fine Arts Degrees, please refer to pages 30-32 of this bulletin.

Freshman Year	1ST SEM.	2ND SEM.
English Composition	3	3*
Area I Requirements	3	3
Area II Requirements	3	3
Area III Requirements	4	4
Elective in School of Business	3	3
	16	16



STUDENT PERSONNEL SERVICES

Graduation

Each area consists of courses from the following fields:

AREA I

Art
Humanities
Literature
Music
Philosophy
Theatre Arts

AREA II

Anthropology
Communications
Economics
Geography
History
Political Science
Psychology
Sociology

AREA III

1. A year's sequence chosen from:
Biological Science
Mathematics
Physical Science (Includes C, GO, PS and PH courses)

With additional credits from a field other than that chosen to satisfy the sequence requirement

or

2. Any three of the following courses:
Biology—Concepts of Biology
Chemistry—Concepts of Chemistry
Geology—Fundamentals of Geology
Mathematics—Cultural Approach to Math
Physical Science—Foundations of Physical Science
Physics—Introduction to Descriptive Astronomy

A freshman who is working part time should probably not plan to carry the number of credits suggested in the preceding program. The number of credit hours advisable should be determined by talking with a faculty advisor prior to registration.

* Determined by student score on ACT exam. See below.

Boise State College Graduation Requirements

GRADUATION

A student must make formal application for graduation by filing with the Registrar the application form which is obtained at the Registrar's Office. Normally this application should be submitted two semesters before the contemplated graduation. Graduation fees are listed in Part I of the catalog.

Requirements for graduation are checked in accordance with the requirements in *one* college catalog. A student is not permitted to combine programs from different catalogs, but he may choose to graduate on the basis of the catalog of any year in which he has been registered providing that said catalog was in effect not more than six years prior to the year of graduation.

GENERAL COLLEGE (CORE) REQUIREMENTS

To receive a Baccalaureate degree from Boise State College all students must meet the following general requirement.

English Composition

English composition, E 101 and E 102, must be successfully completed by all students with the following exceptions:

- a. Students scoring in the 80th percentile or above on the ACT national norms are exempt from E 101.
- b. Any student, with the recommendation and permission of the English Department may take the departmentally specified competency test and upon passing it be exempt from E 101.

All entering freshmen scoring below the 20th percentile on the ACT national norms are required to take Developmental Writing (E010) and to pass with an S grade before being admitted to E 101.

BACCALAUREATE DEGREES

Minimum Graduation Requirements (Credits)

ALL BACCALAUREATE DEGREES

- I. General College Requirements (minimum)
 - A. Total credit hours128
Must include:
 1. English Composition3-6
 2. Upper Division credit hours40
 - B. Grade Point Average for all courses taken ... 2.0
- II. Other College Requirements
 - A. Minimum requirements for one of the degrees offered.
 - B. Specific requirements for a departmental major.
 1. A student must have a minimum cumulative 2.00 G.P.A. in all courses required by his major.
 2. A student will not be allowed credit toward his major department requirements for any grade of "D" in upper division courses in his major department.
 - C. A minimum of 15 credit hours of electives outside of the major field.

III. Minimum Credit Hours in Residence

Minimum credit hours in residence: 30 credit hours of which the last 15 credit hours prior to graduation must be taken at the College during the regular or summer sessions.

IV. Extension, Correspondence and Religion Courses

Total hours of extension or correspondence courses that may be allowed: not more than 24 credit hours of which not more than 12 credits may be in correspondence study. Permission to take correspondence courses while in residence at Boise State College must be received in advance by filing an application for such courses with the Dean of the appropriate school.

Such correspondence courses must be completed and the transcript filed with the registrar prior to mid-term

of the semester in which the last 15 hours of residence credit are started.

Up to eight (8) credits of non-sectarian religion courses from accredited colleges and universities may be accepted as general electives.

V. Requirements for Additional Baccalaureate degree

- a. A minimum of thirty additional semester hours of resident work, beyond the hours required for his first degree, for each subsequent degree.
- b. Satisfaction of upper-division requirements in the major field selected as recommended by the department and approved by the dean of the

school in which the additional degree is to be granted.

- c. Satisfactory completion of other requirements of the college as approved by the dean of the school in which the additional degree is to be granted or sought.

VI. Requirements for Double Major

A student may be granted a single baccalaureate degree with more than one major, providing that he satisfies all requirements for each major field as recommended by the department and approved by the dean of the school in which each major is to be granted, as well as satisfying all requirements for the degree sought.

BACHELOR OF ARTS DEGREE

Minimum Requirements (Credits)

- A. General College requirements—3 or 6* credits
1. English Composition 3 or 6

- B. Area I requirements 12**
1. Three credits in Literature
2. Three credits in a second field
3. Three credits in a third field
4. Three credits in any Area I field

Area I is composed of the following fields:

Art AR
Humanities HU
Literature ***
Music MA, ME, MU
Philosophy PY
Theatre Arts TA

- C. Area II requirements 12
1. Three credits in History
2. Three credits in a second field
3. Three credits in a third field
4. Three credits in any Area II field

Area II is composed of the following fields:

Anthropology AN
Communications CM
Economics EC
Geography GG
History HY
Political Science PO
Psychology P
Sociology SO

- D. Area III requirements 12
1. A year's sequence chosen from:
Biological Sciences
Mathematics
Physical Sciences****
With additional credits from a field other than that chosen to satisfy the sequence requirement

or

2. Any three of the following courses:
Biology—Concepts of Biology
Chemistry—Concepts of Chemistry
Geology—Fundamentals of Geology
Mathematics—Cultural Approach to Math
Physical Science—Foundations of Physical Science
Physics—Introduction to Descriptive Astronomy

Area III is composed of the following fields:

Biology—B, BT, EH, Z
Chemistry—C
Geology—GO
Mathematics—M
Physical Science—PS
Physics—PH

- E. Students seeking the B.A. degree must have an additional 9 credits chosen from Areas I and/or II or one year of a foreign language.

- F. Departmental major

*Determined by student score on ACT exam.

**Three credits may be in performance courses.

***Literature - Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.

****The Physical Sciences include courses in Chemistry, Geology, Physical Science and Physics.

BACHELOR OF SCIENCE DEGREE

Minimum Requirements (Credits)

- A. General College requirements 3 or 6
1. English Composition 3 or 6 credits
- B. Area I requirements 12**
Area I is composed of the following fields:
Art AR
Humanities HU
Literature ***
Music MA, ME, MU
Philosophy PY
Theatre Arts TA
- C. Area II requirements 12
Area II is composed of the following fields:
Anthropology AN
Communication CM
Economics EC
Geography GG
History HY
Political Science PO
Psychology P
Sociology SO
- D. Area III requirements 12
Area III is composed of the following fields:
Biology B—BT—EH—Z
Chemistry C
Geology GO
Mathematics M
Physical Science PS
Physics PH
- E. Students seeking the B.S. degree must have an additional 9 credits chosen from Areas II and/or III.
- F. Departmental major

*Determined by student score on ACT exam.

**Three credits may be in performance courses.

***Literature—Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE

Minimum Requirements (Credits)

- A. English Composition 3-6
- B. Area I Requirements 6
- C. Area II Requirements 12
1. Economics 6
2. Area II credits other than in economics 6
- D. Area III Requirements 11-12
1. Two-semester sequence in math 8
2. One semester physical or biological science ... 3-4
Suggested science courses:
Concepts of Biology, B-100
Concepts of Chemistry, C-100
Foundations of Physical Science, PS-100
Fundamentals of Geology, G-100
Introduction to Descriptive Astronomy, PH-105
Man and His Environment, EH-200
- E. An additional 16 hours are required in disciplines other than those administered in the School of Business. These additional credits must include hours from at least two of the three areas listed below:

Area I	Area II	Area III
Humanities	Anthropology	Biological Sciences
Theatre Arts	Communication	Mathematics
Art	Geography	Physical Sciences
Music	History	
Philosophy	Political Science	
Literature	Psychology	
	Sociology	

- F. A major in Accounting, Business Education, Economics, Finance, General Business, Industrial Business, Information Sciences, Management, Marketing or Office Administration meeting all specific requirements for the major—see requirements in Part IV.

BACHELOR OF FINE ARTS DEGREE*

- A. General College Requirements 3-6
1. English Composition 3-6
- B. Area I Requirements 9
1. Literature 6
2. Other courses 3
No fewer than 3 credits selected from:
Introduction to Music
Introduction to Theatre
Introduction to Humanities
Introduction to Philosophy or Ethics
- C. Area II Requirements 9
1. Lower Division History 3
2. Other courses 3
No fewer than 3 credits selected from:
Political Science
Sociology
Anthropology
Psychology
Economics
Geography
3. No fewer than 3 additional credits selected from areas C.1. and C.2. above 3
- D. Area III Requirements 8
A year's sequence chosen from the following:
Biological Science
Mathematics
Physical Sciences**
or any two of the following:
Concepts of Chemistry
Concepts of Biology
Fundamentals of Geology
Cultural Approach to Math
Foundation of Physical Science
Introduction to Descriptive Astronomy
- E. Individual departmental major listings in other parts of the catalog may specify how Area I, II and III requirements are to be fulfilled.
- F. A major in Art.
- G. In addition to the above Degree requirements, a minimum of 15 credit hours is required for graduation in electives outside of the major field.

*A candidate for the BFA degree must have Art Department approval during his Junior year.

**The Physical Sciences include C, GO, PS, PH courses.

BACHELOR OF MUSIC DEGREE

Minimum Requirements (Credits)

- A. General College Requirements 3-6*
1. English Composition 3-6
- B. Area I Requirements 9
1. Literature 3
2. Three credits in a second field 3
3. Three credits in any Area I field 3
- Area I is composed of the following fields:
- Art AR
- Humanities HU
- Literature**
- Music History***
- Philosophy PY
- Theatre Arts TA
- C. Area II Requirements 9
1. History 3
2. Three credits in a second field 3
3. Three credits in any Area II field 3
- Area II is composed of the following fields:
- Anthropology AN
- Communication CM
- Economics EC
- Geography GG
- History HY
- Political Science PO
- Psychology P
- Sociology SO
- D. Foreign Language and Area III Requirements 8
1. Foreign Language 8
2. Music Education Majors:
- a. A year's sequence of a foreign language 8
- or b. A year's sequence chosen from:
- Biological Sciences
- Mathematics
- Physical Sciences****
- or c. Any two of the following courses:
- Concepts of Biology
- Concepts of Chemistry
- Fundamentals of Geology
- Cultural Approach to Math
- Foundations of Physical Science
- Introduction to Descriptive Astronomy
- E. A major in music with emphasis in Performance, Theory-Composition, or Music Education, meeting all specific requirements as defined on pages 75-76 in the catalog.

* Determined by student score on ACT exam. See page 24

** Literature — Courses in various departments concerned with the writings of specific authors, periods, styles, themes, or geographic areas.

*** A maximum of three credits of Music History will be allowed to count in Area I.

BACCALAUREATE DEGREE PROGRAMS

Boise State College offers Baccalaureate Degree Programs in the following majors:

Accounting

Advertising Design

Art

Art, Secondary Education Option

Biology

Biology, Secondary Education Option

Business Education

Chemistry

Chemistry, Secondary Education Option

Communication

Communication, Secondary Education Option

Combined Major Communications - English

Criminal Justice Administration

Earth Science Education

Economics

Economics Social Science Secondary Education Option

Elementary Education

English

English, Secondary Education Option

Environmental Health

Finance

General Business

Geology

Health Science Studies

History

History, Secondary Education Option

History, Social Science Secondary Education Option

Information Sciences

Industrial Business

Management

Marketing

Mathematics

Mathematics, Secondary Education Option

Medical Technology

Music

Music, Secondary Education Option

Nursing

Office Administration

Physical Education, Secondary Education Option

Political Science

Political Science, Social Science Secondary Education Option

Pre-Dental Studies

Pre-Medical Studies

Psychology

Social Science

Social Work

Sociology

Sociology, Social Science Secondary Education Option

Theatre Arts

Theatre Arts, Secondary Education Option



ADVANCED DEGREES

Master of Business Administration
Master of Arts in Elementary Education

OTHER DEGREES

Boise State College grants Associate of Science, Associate of Applied Science Degrees, Diplomas, and Certificates of Completion to students completing programs whose specific course requirements are stated in other sections of the catalog. A cumulative G.P.A. of 2.00 is required. Those courses currently offered are listed as follows:

Associate of Science

Medical Record Technician
Respiratory Therapy
Registered Nursing
Fashion Merchandising—Mid-Management
Secretarial Science
Marketing—Mid-Management
Criminal Justice Administration
Medical Secretary

Associate of Applied Science

Child Care
Drafting Technology
Electronics Technology

Diploma

A diploma will be granted upon successful completion of the following two-year programs:

Food Service
Horticulture
Machine Shop
Office Machine Repair
Welding (2-year program)

Certificate of Completion

A certificate of completion is granted for completion of less than 2-year programs and for completion of other authorized programs, such as seminars, workshops, special interest community courses, etc.

COURSE DESIGNATION AND PAGE REFERENCES

SCHOOL OF ARTS AND SCIENCES

	pg.
Department of Art	
Art	AR 41
Department of Biology	
Biology	B 45
Botany	BT 46
Forestry	FS 46
Zoology	Z 46
Department of Chemistry	
Chemistry	C 48
Department of Communication	
Communication	CM 51
Department of English	
English	E 53
Humanities	HU 55
Linguistics	LI 56
Department of Foreign Languages	
Foreign Languages	FL 56
French	F 56
German	G 57
Spanish	S 57
Department of Geology	
Geology	GO 59
Geography	GG 61
Department of Home Economics	
Home Economics	HE 65
Department of History	
History	HY 63
Department of Mathematics	
Mathematics	M 67
Department of Music	
Music, Applied (Performance)	MA 71
Music, Ensemble	ME 72
Music, General	MU 73
Department of Political Science	
Political Science	PO 79
Philosophy	PY 81
Department of Physics, Engineering and PS	
Engineering	EN 76
Physics	PH 77
Physical Science	PS 77
Department of Social Work	
Social Work	SW 82
Department of Societal and Urban Studies	
Anthropology	AN 84
Criminal Justice Administration	CR 84
Sociology	SO 85
Department of Theatre Arts	
Theatre Arts	TA 87

NOTE

The courses contained in this catalog do not preclude or limit the College in its offerings for any semester or session nor does it restrict the College to the time block (semester) represented by the approved academic calendar for 1974-75.

Boise State College can and will respond to the educational needs and wants of any and all students when expressed. Requests for courses to be offered whenever they are desired will be favorably received providing that a minimum of 12 students enroll in the class and a competent faculty member is available to teach the course.

SCHOOL OF BUSINESS

	Pg.
Graduate (Master of Business)	MB 108
Department of Accounting and Data Processing	
Accounting	AC 101
Data Processing	DP 103
Department of Business Education and Office Administration	
Business Education	BE 102
Office Administration	OA 106
Department of Economics	
Economics	EC 103
Department of Management and Finance	
Aviation Management	AV 102
Finance	FI 104
General Business	GB 104
Management	MG 105
Real Estate	RE 106
Department of Marketing and Mid Management	
Marketing, General	MK 105
Marketing, Mid Management	MM 105

SCHOOL OF EDUCATION

Department of Health, Physical Education and Recreation	
Physical Education	PE 120
Department of Psychology	
Psychology	P 124
Department of Teacher Education and Library Science	
Library Science	LS 126
Teacher Education	TE 125

COURSE NUMBERING

Courses within the major code groups are numbered on the basis of the following:

- 000-099 Terminal credit and non-credit courses (including remedial, evening vocational, and adult education courses)
- 100-199 Freshman level courses
- 200-299 Sophomore level courses
- 300-499 Upper division level courses
- 500-above Graduate level courses

Upper division level courses, numbered at the 300 or 400 level may be given g or G designation to carry graduate credit. The designations have the following significance.

1. g courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for students both in the department or school, and for other students as well.

Throughout the catalog where course descriptions are given a hyphen between course numbers indicates that the first numbered course is a prerequisite to the

SCHOOL OF HEALTH SCIENCES

	Pg.
Department of Nursing	
Registered Nursing	RN 141
Department of Allied Health Studies	
Medical Records Technology	MR 140
Respiratory Therapy	RT 141
Department of Community and Environmental Health	
Environmental Health	EH 140
Health Sciences	H 140

SCHOOL OF VOCATIONAL-TECHNICAL EDUCATION

Vocational Two-Year Programs	
Horticulture Service Tech	HO 151
Machine Shop	MS 152
Office Machine Repair	OM 153
Welding	W 154
Pre-Technical Non Credit Program	
Pre-Technical	PT 156
Technical Two-Year Program	
Child Care	CC 155
Drafting Technology	DT 156
Electronics	ET 157
Food Service Technology	FT 158
Vocational One-Year Programs	
Auto Body	AB 160
Auto Mechanics	AM 160
Child Care (Assistant)	CC 155
Dental Assistant	DA 161
Heavy Duty (diesel) Mechanic	DM 162
Office Occupations	OF 162
Operating Room Technology	OR 162
Parts Counterman	PC 163
Practical Nursing	PN 163
Basic Welding	W 154

second numbered course; a comma between course numbers indicates that either course may be taken independently of the other.

COLLEGE-WIDE COURSE NUMBERS

UNDERGRADUATE

The following college-wide standardized course numbers and titles are available to each department offering a major.

Independent study (188 and 496) must be arranged between student and teacher on an individual basis. The course description will not appear in other sections of the catalog. Individual conference, workshop and special topic courses (294, 297, 494, 497) will be described in the "Class Schedule and Registration Information" brochure published each semester.

188 Honors Independent Study—1-3 credits

An independent study experience to provide an Honor Student study opportunities of a reading or project nature. Credits may not exceed three (3) per semester nor six (6) maximum in an academic year. Prerequisite:

STUDENT PERSONAL SERVICES

Course Designation

Approval of the Dean and Department Chairman upon recommendation of the faculty advisor.

293-493 Internship—Variable credits

The Internship number is available to academic departments to provide an opportunity for supervised "field-work" that is specifically related to the student's major field of study.

294-494 Conference or Workshop—0-4 credits

Conducted by outstanding leaders or qualified faculty in a particular field under the auspices of Boise State College.

297 Special Topics—1-4 credits

A student may apply a maximum of 12 credits of Special Topics (both 297 and 497) toward graduation.

496 Independent Study—1-4 credits

Individual study of either a reading or project nature. Offered on demand. Student must make application well in advance of this special study experience. May be repeated for a maximum of 9 credits; 6 credits in any one academic year. Prerequisite: consent of instructor and department chairman.

497 Special Topics—2-4 credits

May be repeated for a maximum of 12 credits—297 plus 497. Prerequisite: advanced standing and consent of instructor and department chairman.

* A maximum of 12 credits of Special Topics, 297 or 497 will be allowed to apply toward core requirements; however an unlimited amount may apply toward graduation. Special Topics courses must be within departments specified in each core area to meet core requirements.

498, 499—Senior Seminar—1-2 credits maximum

Prerequisite: senior standing in a major area.

GRADUATE

The following numbers may be used by any department, with variable credit, to offer credits for the type of activity indicated in the titles and explanatory notes. Limits on the amount of credits of any one type (i.e., any one number category) which may be applied on a given degree will be set by the graduate council. His supervising professor or committee will determine for any one student those credits of the standardized type which may apply to his individual program.

580-589 Selected Topics

The intention is that the subjects normally offered and studied in any one department will be divided into no more than 10 areas. One of the numbers 580 and 589 will then be assigned a given area on a permanent basis. The topics considered in the courses in any one area will generally vary from semester to semester, but repeated use of any one number will always imply that the topics continue to be selected from just one area.

590 Practicum

591 Research

592 Colloquim

593 Thesis

594 Extended Conference or Workshop (Graded A through F)

595 Reading and Conference

596 Independent Study

Master's programs at Boise State College may include independent study credits, at the discretion of the graduate student's supervising committee or professor, through a limit of (9) semester hours, with no more than (6) credits in any one semester or session.

597 Special Topics

598 Seminar

599 Short Term Conference or Workshop (Graded Pass or Fail)

Generally, the 599 number is used only for courses meeting 3 weeks or less, and 594 for courses meeting more than 3 weeks. The decision, however, is made in all cases by the department or school making the schedule.

INTERDISCIPLINARY COURSES

The following interdisciplinary courses are identified with more than one school or department.

HP 198, 298, 398, 498 Honors Seminar—1 credit

A seminar involving inter-disciplinary lectures and discussion for Honors Students. Topics are selected by the students. Credit or no credit will be given rather than letter grades.

HP 100, 200, 300, 400 Summer Readings—1-3 credits

An opportunity and incentive for students to continue their studies during the summer when they are away from campus and faculty. Students must select their area of interest, contact a faculty supervisor, and coordinate through the Honors Program Director concerning testing and credit for the work prior to the end of spring semester. Students will register during fall registration and will complete written and oral testing as required not later than October 15 in order to receive credit or no credit.

SG 188, 496 Student Government Independent Study—1-3 Credits

Students who are currently serving in major student government offices may avail themselves of Independent Study in Student Government. This study will be coordinated by the Vice President for Student Affairs and may be taken in any department of the college provided an instructor is willing to direct the study. Students who are eligible for this study are (1) the Major Elected Officers, (President, Vice-President, Treasurer), (2) Major Appointed Officers, (Business Manager, Publicity Director, Administrative Assistant to the President, and Personnel Officer), and (3) Senators. Credits may not exceed three in any one semester or six in one academic year. A maximum of nine credits will be accepted towards graduation.

GE 497, 597 Special Topics in General Education—Variable credits

GS 501 History of Science—1800 to Present For Elementary Teachers—3 credits

(Course description Part VII of catalog)

PART 3

School of Arts and Sciences

SCHOOL OF ARTS AND SCIENCES

Philosophy

The School believes that the purpose of men's lives is to know, to search, and to achieve, and that knowledge is necessary to the good life of free men. The School, therefore, provides an opportunity for each student to share in the accumulated experience of men of all times and places, hoping not only to lead each student to basic knowledge of the matter traditional to the School's major divisions of study, but also to stimulate students to exercise their own powers to range beyond the known — to dream a better possible human condition and devise ways of moving toward it.

To this end we hope to encourage students to be curious and wisely skeptical, learning that inquiry and intelligent doubt are often the first steps toward creation, achievement, and a fuller understanding of their own nature and potential.

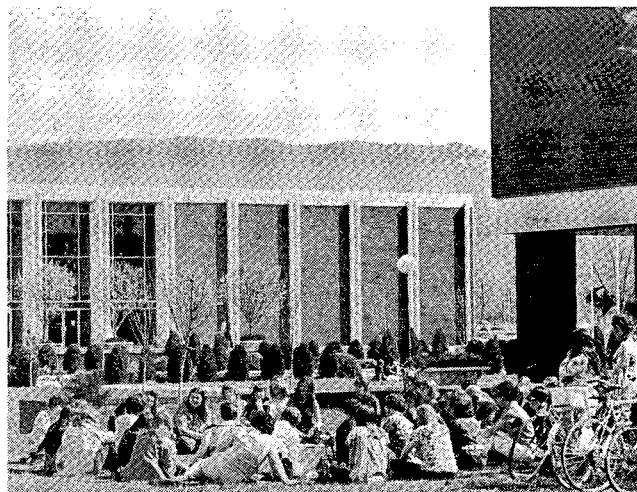
Objectives

1. To offer programs of study leading to a baccalaureate degree in the **Arts** — Advertising Design, Art, Communication, English, History, Music, Political Science, Social Science, Social Work, Sociology, Theater Arts, and in the **Sciences** — Biology, Chemistry, Earth Science, Geology, Mathematics. Degrees available in the above areas, including the **Secondary Education Options offered by all departments**, include the **Bachelor of Arts, Bachelor of Science, Bachelor of Fine Arts** (in Art, Art Education, and Advertising Design), and **Bachelor of Music** (in Music Performance, Music Education, and Music Theory and Composition.)
2. To offer undergraduate programs in Engineering, Physics, Home Economics, Forestry, and Wildlife Management.
3. To offer elective and service courses for students majoring in other schools.

ACTIVITIES

The Cold-drill

The Department of English, in addition to offering a chance for students to improve their creative, literary skills by studying under producing authors in classes aimed to increase the student's critical and creative abilities, publishes each year a magazine designed to display the best efforts of both the faculty and student body of Boise State College.



Western Writers Series

The Boise State College Western Writers Series is publishing a booklet introducing students and teachers to the character of the work of western American writers. Written by scholars from various colleges and universities, each pamphlet offers a brief account of an author's life, salient features of his works (stressing their regional aspects) and a bibliography listing valuable primary and secondary sources. This series provides the first real attempt to make important regional writers known to the country at large.

Brisas

The Department of Foreign Languages, with the cooperation of the Spanish Club members and departmental students and faculty, publishes each year a Spanish-English magazine focusing on various social and educational areas of Hispanoamerica.

Performances, Exhibitions, Workshops

Membership in the various groups and organizations engaged in extracurricular activities is available to all students who qualify. These groups offer opportunities for growth and participation beyond curricular requirements. Students may participate in art exhibits in the Liberal Arts Building, Library, and Student Union gallery areas; extensive intramural and inter-collegiate offerings of the Department of Communication including Debate, Reader's Theatre, and productions of plays from both the classical and modern repertoires in the college's unique Subal theatre; and through the medium of student recitals, organizations, and ensembles of the Department of Music including Band, Orchestra, Choir, and Musical Theatre and Opera. Students may also join in an "American Historical Tours" presented by the college each year, as well as science fairs, environmental workshops, etc.

DEPARTMENT OF ART

Dr. Louis A. Peck, *Chairman*

Professors: Peck

Associate Professors: Oravez, Takehara

Assistant Professors: Huff, Killmaster, Kober, Morgan, Roberts,
Russell, Schlafly, Skov, Watia, Wright.

Instructors: Douglass, Ochi, Winkler, Green

REQUIREMENTS FOR ART MAJOR

Bachelor of Arts Degree

General Art, Art Education, Advertising Design

I.	General Art-Bachelor of Arts Program	
1.	General College and Basic Core Requirements	*
2.	Art Major Requirements	46
	Painting	14
	Drawing	8
	Design	4
	Art History	6
	Ceramics	3
	Sculpture	3
	Printmaking	3
	Crafts	3
	Senior Seminar	2
3.	Electives	34
		128
II.	Art Education-Bachelor of Arts Program	
1.	General College and Basic Core Requirements	*
2.	Art Major Requirements	45
	Painting	14
	Watercolor	2
	Drawing	6
	Design	4
	Art History	6
	Ceramics	3
	Sculpture	3
	Printmaking	3
	Crafts	3
	Lettering	2
	Senior Seminar	2
3.	Education Requirements for State Certification	20
	Audio-Visual Aids	2
	Foundations of Education	3
	Secondary School Methods	3
	Educational Psychology	3
	Art Methods in Secondary Schools	3
	Secondary Student Teaching	6
4.	Electives	12
		128
III.	Advertising Design — Bachelor of Arts Program	
1.	General College and Basic Core Requirements	*
2.	Art Major Requirements	49
	Advertising Design	10
	Painting	6
	Drawing	6
	Watercolor	2
	Advertising Illustration	4
	Design	4
	Lettering and Layout	4
	Art History	6
	Printmaking	3
	Creative Photography	2
	Senior Seminar	2
3.	Electives	31
		128

I. General Art — Bachelor of Fine Arts Degree — Drawing and Painting Emphasis

1.	General College and Core Requirements	*
2.	Art Major Requirements	65
	Painting	14
	Drawing	14
	Art History	9
	Watercolor	4
	Design	4
	Printmaking	3
	Sculpture	3
	Ceramics	3
	Crafts	3
	Senior Seminar	2
	Art Electives	6
3.	Professional Electives	28

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Recommended professional electives in the Drawing and painting emphasis: Upper Division Literature, Introduction to Philosophy, Ethics, Foreign Language, Upper Division History.

II. General Art — Bachelor of Fine Arts Degree — Sculpture Ceramics and Artisanry Emphasis

1.	General College and Basic CORE Requirements	*
2.	Art Major Requirements	68
	Sculpture	12
	Ceramics	12
	Art History	9
	Metals and Crafts	10
	Drawing	8
	Design	4
	Senior Seminar	2
	Art Electives	3
	Painting	8
3.	Professional Electives	25

128
Recommended professional electives in the Sculpture and ceramics emphasis: Geology, Introduction to Chemistry, Rocks and Minerals, Foreign Language, Upper Division History.

III. Art Education — Bachelor of Fine Arts Degree — Drawing and Painting Emphasis

1.	General College and Core Requirements	*
2.	Art Major Requirements	65
	The art major requirements for the art education option are the same as those for the general art option in both areas of emphasis.	
2.	Education Requirements for State Certification	20
	Including Secondary Art Methods	
	Audio-Visual Aids	2
	Foundations of Education	3
	Secondary School Methods	3
	Educational Psychology	3
	Art Methods in the Secondary Schools	3
	Secondary Student Teaching	6
4.	Professional Electives	8

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SCHOOL OF ARTS & SCIENCES
Department of Art

IV. Advertising Design — Bachelor of Fine Arts Degree
— Advertising Design Emphasis

1. General College and Core Requirements	*	
2. Art Major Requirements	67	
Advertising Design	10	
Painting	8	
Drawing	8	
Watercolor	4	
Design	4	
Sculpture, Ceramics or Crafts	6	
Lettering and Layout	4	
Art History	6	
Creative Photo	2	
Printmaking	3	
Art Electives	6	
Advertising Illustration	4	
Senior Seminar	2	
3. Professional Electives	26	
		128

Recommended professional electives: Introduction to Business, Elements of Management, Play Production, Costume Design, Technical Drawing, Architectural Graphics, Foreign Language, Upper Division Literature.

*For general college and basic college requirements see pages 30-32



ART MAJOR

Lower Division — All Degrees
(Suggested Program)

I. General Art

	1ST SEM.	2ND SEM.
Freshman Year	2	2
Basic Design	2	2
Elementary Drawing	2	2
Elementary Painting	3	3
Art History	(2)	0
Lettering	0	(2)
* Lettering and Layout	3	3
English Composition	3	3
History (Area II)	—	3
Elective		
	15-17	15-17
	1ST SEM.	2ND SEM.
Sophomore Year	2	2
Intermediate Drawing	2	2
Intermediate Painting	3	0
Introduction to Music or Drama (Area I)	0	3
Social Science (Area II)	4	4
Lab Science or Mathematics (Area III)	5	5
Electives		
	16	16

* Advertising Design Majors Only.

II. Art Education

Freshman year (see General Art Freshman Year)

	1ST SEM.	2ND SEM.
Sophomore Year	2	0
Intermediate Drawing	2	2
Intermediate Painting	0	3
Foundations of Education	3	0
General Psychology	0	3
Introduction to Music or Drama		
Lab Science or Mathematics	4	4
(Area III Sequence)	5	4
Electives		
	16	16

III. Advertising Design

Freshman year (see General Art Freshman year)

	1ST SEM.	2ND SEM.
Sophomore year	2	0
Intermediate Drawing	2	2
Intermediate Painting	2	2
Advertising Design	3	0
Introduction to Music or Drama	0	3
Social Science	4	4
Lab Science or Mathematics	3	5
Electives		

16 16

COURSE OFFERINGS

AR ART

Lower Division

100 Basic Drawing and Painting for Non-Art Majors — 2 credits

A one semester course with emphasis on media, techniques, and philosophy designed to acquaint the general college student with the basic fundamentals of drawing and painting. Four studio hours per week. Either semester.

101 Art History — 3 credits

A historical survey of painting, sculpture and architecture from Pre-historic art to art of the Renaissance. Fall semester.

102 Art History — 3 credits

A historical survey of painting, sculpture and architecture from the Renaissance to the present. Spring semester.

103 Introduction to Art — 3 credits

A one-semester course designed to acquaint the general college student with the aesthetics of painting, sculpture, architecture, and related art forms. Either semester.

105 Basic Design — 2 credits

A two-dimensional theoretical and applied study of the structural organization underlying painting, commercial and industrial art, and interior decorating. Scientific and aesthetic investigation of color are included. Four studio hours per week. (Limited enrollment 2nd semester.) Either semester.

106 Basic Design — 2 credits

Theoretical and applied study of the structural organization underlying three dimensional art forms such as sculpture, architecture and ceramics. Four studio hours per week. Advisable to take AR 105 prior to AR 106. Spring semester.

107 Lettering — 2 credits

A study of lettering techniques and various alphabetical forms; emphasis upon modern styles, spacing and layout. Four studio hours per week. Either semester.

108 Lettering and Layout — 2 credits

A study of lettering techniques used in advertising design, for advertising design majors. Four studio hours per week. Advisable to take AR 107 prior to AR 108. Spring semester.

111 Drawing — 2 credits

Applied study of perspective, form, light and shade, and composition. Four studio hours per week. Limited enrollment second semester. Either semester.

112 Drawing — 2 credits

Introduction to the human figure. Four studio hours per week. Advisable to take AR 111 prior to AR 112. Spring semester.

113 Painting — 2 credits

Emphasis on the techniques of opaque and transparent water base media. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Spring semester.

114 Painting — 2 credits

Emphasis on the techniques of opaque and transparent water base media. Four studio hours per week. Advisable to take AR 113 prior to AR 114. Spring semester.

115 Landscape Painting — 3 credits

Various styles and techniques in landscape painting in oil, watercolor and related media. Field trips. Six studio hours per week (semester basis). First summer session.

116 Landscape Painting — 3 credits

(Description same as 115 above.) Second summer session.

131 Interior Decorating — 2 credits

Aid in understanding and appreciating interior design. The most basic components of home decorating will be studied. These include color, wallpaper, fabrics, carpet, and furniture. Two hours lecture, one-half-hour demonstration per week. Either semester.

141 Photography Theory — 1 credit

Introduction to simple problems in the photographic process. Evening program only. Either semester.

143 Photography Laboratory — 1 credit

Actual work in taking, developing and printing pictures, both for technical development and creative growth. Evening program only. Two hours per week. Either semester.

203 Advertising Design — 2 credits

Special assignments in various techniques employed in advertising and commercial art; problems in layout, typography, and reproduction processes will be emphasized. Four studio hours per week. Advisable to take AR 105, AR 106, AR 107 and AR 108 prior to AR 203. Fall semester.

204 Advertising Design — 2 credits

Advanced assignments in various techniques employed in advertising and commercial art. Four studio hours per week. Advisable to take AR 203 prior to AR 204. Spring semester.

211 Drawing — 2 credits

Anatomical rendering and analysis of the drawing in relation to creative composition. Four studio hours per week. Advisable to take AR 111 and AR 112 prior to AR 211. Fall semester.

212 Drawing — 2 credits

Drawing in various media from the human figure. Four hours studio per week. Advisable to take AR 211 prior to AR 212. Spring Semester.

215 Painting — 2 credits

Painting in oil with emphasis on various techniques and subject matter. Four hours studio per week. Advisable to take AR 113 and AR 114 prior to AR 215. Fall semester.

216 Painting — 2 credits

Creative work in oils and related media. Four studio hours per week. Advisable to take AR 215 prior to AR 216. Spring semester.

217 Painting-Watercolor — 2 credits

Major emphasis will be in the use of transparent watercolor. Work will be outdoors from nature as well as studio work. Four studio hours per week. Fall semester.

218 Painting-Watercolor — 2 credits

Introduction to experimental techniques in the use of opaque waterbase media. Work will be outdoors from nature as well as studio work. Four studio hours per week. Advisable to take AR 217 prior to AR 218. Spring semester.

221 Crafts—2 credits

A creative exploration in design and construction problems. Various materials will be utilized, with primary emphasis on jewelry design and metals. Craftsmanship, and the care and usage of tools will be stressed. Four studio hours per week. Advisable to take AR 105 & 106 prior to AR 221. Fall semester.

222 Crafts—2 credits

Continued exploration in design and construction work in metal and other media. Fabrication, forming and casting techniques will be emphasized. Four studio hours per week. Advisable to take AR 105 & 106 & 221 prior to AR 222. Spring semester.

SCHOOL OF ARTS & SCIENCES
Department of Art

225 Ceramics — 3 credits

An introduction to ceramics technique and materials. Molding, hand building, decoration, glazing, and firing will be given. Enrollment is limited. Six studio hours per week. Advisable to take AR 105 and AR 106 prior to AR 225. Fall semester.

226 Ceramics — 3 credits

Beginning the use of the potter's wheel, molding, hand building, decoration, glazing and firing. Limited enrollment. Six studio hours per week. Advisable to take AR 225 prior to AR 226. Spring semester.

231 Sculpture — 3 credits

Work in a variety of three dimensional materials, with emphasis on the techniques of carving, modeling, casting and constructing. Six studio hours per week. Advisable to take AR 105 or AR 106 prior to AR 231. Fall semester.

232 Sculpture — 3 credits

Continued work in a variety of three dimensional material, with emphasis on the techniques of carving, modeling and casting. Six studio hours per week. Advisable to take AR 105 or 106 prior to AR 232. Spring semester.

251 Introduction to Creative Photography — 2 credits

An aesthetic approach to the basic photographic skills of camera operation, film development, and enlarging of negatives. All work is in black and white. Two hours lecture and two hours laboratory work per week. Adjustable camera required. Either semester.

Upper Division

300 Contemporary American Art History — 3 credits

A survey of the major artistic trends of the 20th century that lead to the assumption of leadership in the visual arts by the United States. Beginning with the armory show, 1913, to the 1960's. Advisable to take AR 101-102 prior to AR 300. Fall semester.

301 Nineteenth Century Art History — 3 credits

An in-depth study of important artists and movements in Europe and the United States; from neoclassicism in France to social commentary in America. Fall semester.

302 Twentieth Century Art History — 3 credits

An in-depth study of important artists and movements in Europe, Mexico and the United States; from Fauvism in France to trends in contemporary American art. Spring semester.

303 Advertising Design — 3 credits

Design and preparation of art for reproduction, techniques and studio practices. 6 studio hours per week. Advisable to take AR 203 and 204 prior to, AR 303. Fall semester.

304 Advertising Design — 3 credits

Design and preparation of art for reproduction, techniques and studio practices. 6 studio hours per week. Advisable to take AR 303 prior to AR 304. Spring semester.

305 Visual Design — 3 credits

Advanced exploration of two-dimensional and three-dimensional design, continuing with problems in line, form, color, texture, and space. 6 studio hours per week. Advisable to take AR 105 and 106 prior to AR 305. Fall semester.

306 Visual Design — 3 credits

Advanced exploration of two-dimensional and three-dimensional design, continuing with problems in line, form, color, texture, and space. 6 studio hours per week. Advisable to take AR 305 prior to AR 306. Spring semester.

307 Metalsmithing — 3 credits

Advanced study in materials of jewelrymaking and metalsmithing with special emphasis on forging, stonesetting, cutting, and mechanical techniques as further personal development of craftsmanship. Prerequisite: Advisable to take AR 221, 222. Six studio hours per week. Fall semester.

308 Metalsmithing — 3 credits

Continued study in materials and methods of jewelrymaking and metalsmithing with an intensive emphasis on studies in areas of individual interest. Prerequisite: Advisable to take AR 221, 222, 307. Six studio hours per week. Spring semester.

309 Introduction to Printmaking — 3 credits

Introduction to the processes of woodcut, lithography and etching. Advisable to take AR 105-106, AR 111-112, prior to AR 309. Fall semester.

310 Printmaking — 3 credits

Further concentration in two of the following four areas: woodcut, lithography, etching, serigraphy. Six studio hours per week. Advisable to take AR 309 prior to AR 310. Spring semester.

311 Drawing — 3 credits

Advanced life drawing in various media. Six studio hours per week. Advisable to take AR 111, AR 112, AR 211, AR 212 prior to AR 311. Fall semester.

312 Drawing — 3 credits

Advanced life drawing in various media, with emphasis on personal creative approaches. Six studio hours per week. Advisable to take 311 prior to AR 312. Spring semester.

315 Painting — 3 credits

Creative work in representational or non-representational areas in oil and related media. Six studio hours per week. Advisable to take AR 113-114, AR 215-216 prior to AR 315. Fall semester.

316 Painting — 3 credits

Continued study in representational or non-representational areas in oil and related media. Six studio hours per week. Advisable to take AR 315 prior to AR 316. Spring semester.

317 Painting-Watercolor — 3 credits

Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 217 and AR 218 prior to AR 317. Fall semester.

318 Painting-Watercolor — 3 credits

Advanced work in opaque and transparent media with emphasis on experimental techniques. Six studio hours per week. Advisable to take AR 317 prior to AR 318. Spring semester.

321 Elementary School Art Methods — 3 credits

For students expecting to teach in the elementary schools. This course is especially designed to help prospective teachers construct outlines of courses for creative art activities in the elementary grades. Progressive methods and materials conducive to free and spontaneous expression are stressed. Two lecture and four studio hours per week. Either semester.

325 Ceramics — 3 credits

Advanced study in the materials of ceramics, with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. Six studio hours per week. Advisable to take AR 225 and 226 prior to AR 325. Individual instruction will be given. Fall semester.

326 Ceramics — 3 credits

Advanced study in the materials of ceramics, with emphasis on personal, creative approaches. Six studio hours per week. Advisable to take AR 325 prior to AR 326. Individual instruction will be given. Spring semester.

331 Sculpture — 3 credits

Advanced study in the material and methods of the sculptor with emphasis upon welded steel and metal casting. Six studio hours per week. Advisable to take AR 231 and AR 232 prior to AR 331. Fall semester.

332 Sculpture — 3 credits

Advanced study in the material and methods of the sculptor, with emphasis in personal, creative approaches. Six studio hours per week. Advisable to take AR 331 prior to AR 332. Spring semester.

341 Creative Photography — 3 credits

Advanced study of photographic techniques, emphasis on the creative approach to picture taking and printing. Two hour lecture, and four studio hours per week. Adjustable camera required. Advisable to take AR 251 prior to 341. Fall semester.

342 Creative Photography — 3 credits

Advanced study of photographic techniques with emphasis on personal creative approaches. Two hour lecture and four studio hours per week. Adjustable camera required. Advisable to take AR 341 prior to AR 342.

351 Secondary School Art Methods — 3 credits

Art education on the junior high school and senior high school levels. Three hours lecture per week. Fall semester.

361-362 Advertising Illustration — 2 credits

Advanced study emphasizing techniques and methodology of illustrating finished art for ads. Fundamental approaches to story, product, fashion and decorative illustration with emphasis on building a portfolio. Four studio hours per week. Prerequisite: AR 203-204. Each semester.

409 Printmaking — 3 credits

Concentrated work in one of the following areas: Woodcut and wood engraving, etching and metal engraving, black and white and color lithography, collograph. Six hours studio per week. Advisable to take AR 309 and AR 310 prior to AR 409. Each semester.

411, 412 Life Drawing — 2 credits

An advanced life drawing class with emphasis on a classical anatomical study of the human figure. Four studio hours per week. Prerequisite: AR 111, 112, AR 211 and consent of instructor. Either semester.

415 Painting — 3 credits

Preparation for graduate study in opaque or transparent media. Six studio hours per week. Advisable to take AR 316 prior to AR 415. Fall semester.

416 Painting — 3 credits

Continued preparation for graduate study in opaque or transparent media. Six hours studio per week. Advisable to take AR 415 prior to AR 416. Spring semester.

417 Painting-Watercolor — 3 credits

Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 417. Fall semester.

418 Painting-Watercolor — 3 credits

Advanced study in selected watercolor media. Six studio hours per week. Advisable to take AR 317 and AR 318 prior to AR 431. Fall semester.

419 Metals — 3 credits

Continued study in materials and methods (advanced) of jewelry-making and metalsmithing as they apply to the creative artist and teacher. Prerequisite: Advisable to take AR 221, 222, 307, 308. Fall semester.

420 Metals — 3 credits

Continued study in materials and methods (advanced) of jewelry-making and metalsmithing as they apply to the creative artist and teacher. Prerequisite: Advisable to take AR 221, 222, 307, 307, and 419. Spring semester.

425 Ceramics — 3 credits

Continued study in the materials of ceramics, with emphasis on the exploration of clays, glazes, and firing as it applies to the creative artist or teacher. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 425. Individual instruction will be given. Fall semester.

426 Ceramics — 3 credits

Continued study in the materials of ceramics, with emphasis on the personal, creative approaches. Six studio hours per week. Advisable to take AR 325 and AR 326 prior to AR 426. Individual instruction will be given. Spring semester.

431 Sculpture — 3 credits

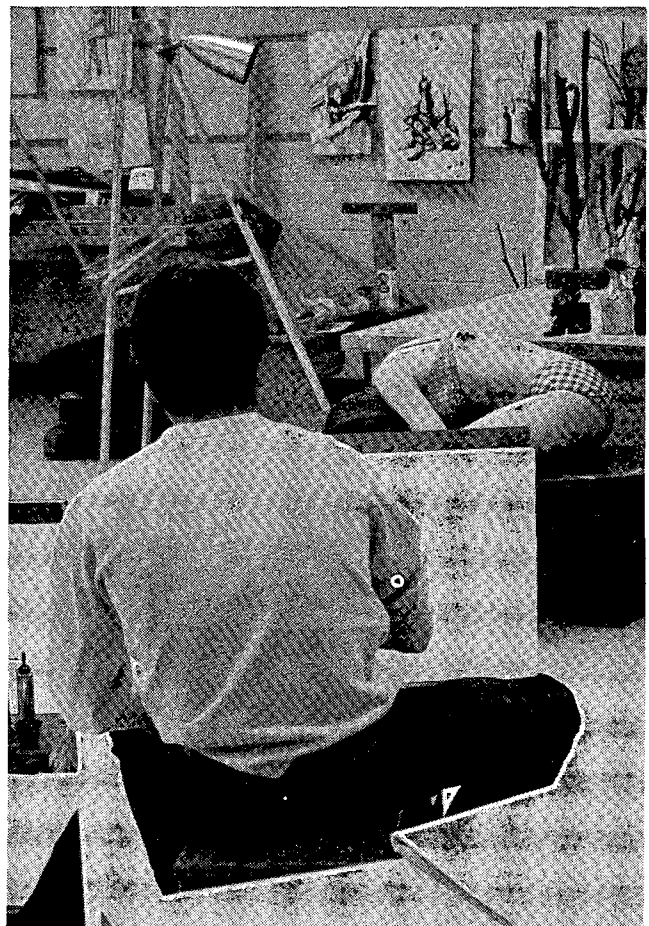
Continued study in the material and methods of the sculptor with emphasis on welded steel and metal casting. Six studio hours per week. Advisable to take AR 331 and AR 332 prior to AR 431. Fall semester.

432 Sculpture — 3 credits

Continued study in the material and methods of the sculptor, with emphasis in personal, creative approaches. Six studio hours per week. Advisable to take AR 331 and AR 332 prior to AR 432. Spring semester.

498 Senior Seminar — 2 credits

Required reading, and written and oral reports, relative to the senior art majors' area of interest within the visual arts. Each semester.



DEPARTMENT OF BIOLOGY

Dr. Donald J. Obee, *Chairman*

Professors: Fritchman, Obee

Associate Professors: Baker, Belknap, Fuller, Papenfuss, Wyllie

Assistant Professors: Centanni, Colby, Jones, Kelley

REQUIREMENTS FOR BIOLOGY MAJOR

I. BACHELOR OF SCIENCE OPTION

1. General College and Baccalaureate Degree Requirements see pages 30-33.
2. Major Requirements:

	CREDITS
A. Biology	45
1. Advanced General Biology	10
2. Biology—any two courses	6-9
Bacteriology	5
Ecology	3 or 4
Evolution	3
Genetics	3 or 4
3. Physiology—one course	4
Plant Physiology	4
Mammalian Physiology	4
4. Invertebrate Zoology—one course	4
Entomology	4
Invertebrate Zoology	4
5. Natural History—two courses	8
Systematic Botany	4
Vertebrate Natural History	4
6. Morphology—two courses, plant and animal	7-8
Comparative Anatomy	4
Plant Anatomy	3
Plant Morphology	4
Vertebrate Histology	4
Vertebrate Embryology	4
7. Biology Seminar—1 semester	1
8. Biology electives to total 45 credits. Any of the above courses or Cytology, Mammalogy, Micro technique, Ornithology, Parasitology or Ichthyology.	
B. Chemistry	16
1. General Chemistry	10
2. Elementary Organic Chemistry	6
C. Mathematics	10
1. Mathematics 115-116	10
3. Recommended Electives	25
1. Introduction to Biophysics	
2. Earth Sciences	
3. Chemistry	
4. Area I & II Electives	

II. SECONDARY EDUCATION OPTION

1. General College and Baccalaureate Degree Requirements see pages 30-33. 32
2. Major Requirements: 40
 - A. Biology
 - The same as for Biology Major except that the student will take one course from Biology Area 6 above.
 - B. Chemistry
 - The same as for a Biology Major
 - C. Mathematics 115-116
 - 10
3. Recommended Electives
- The same as for a Biology Major 10-12
4. Education Requirements
- 20
 - Foundations of Education
 - Educational Psychology
 - Secondary School Methods
 - Secondary Student Teaching
 - Education Electives

RELATED PROGRAMS

The following programs that have been developed by and presented through the Biology Department are now offered through the School of Health Sciences. Refer to Part VI of the catalog for full information.

Medical Technology
Pre-Dental Hygiene
Pre-Dental, Pre-Medical Studies
Environmental Health

BIOLOGY MAJOR

Bachelor of Science

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5
Mathematics	5	5
Area I Electives	3	3
	16	16
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Advanced General Biology	5	5
Elementary Organic Chemistry	3	3
Area I Electives	3	3
Area II Electives	3	3
Unspecified Electives	3	3
	17	17
JUNIOR YEAR:	1ST SEM.	2ND SEM.
Biology Electives	10	10
Other Electives	6	6
	16	16
SENIOR YEAR:	1ST SEM.	2ND SEM.
Biology Seminar	1	—
Biology Electives	7	7
Other Electives	7	8
	15	15

COURSE OFFERINGS

B BIOLOGY

Lower Division

BIOLOGY MAJOR SECONDARY EDUCATION OPTION

Bachelor of Science (Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5
Mathematics	5	5
Area I Electives	3	3
	16	16
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Advanced General Biology	5	5
Elementary Organic Chemistry	3	3
Foundations of Education	3	
Area I or Area II Electives	3	3
General Psychology	3	—
Elective	—	6
	17	17
JUNIOR YEAR:	1ST SEM.	2ND SEM.
Vertebrate Natural History	4	—
Biology Electives	4	7-8
Systematic Botany	—	4
Electives	3	
Electives	6	6
	17	17-18
SENIOR YEAR:	1ST SEM.	2ND SEM.
Biology Electives	11-12	—
Biology Seminar	1	—
Other Electives	3	—
Educational Psychology	—	3
Secondary Teaching Methods	—	3
Audio-Visual Aids	—	2
Student Teaching	—	6
	15-16	14

FORESTRY AND WILDLIFE MANAGEMENT

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Introduction to Chemistry	4	4
General Forestry	—	2
Mathematics	5	5
Speech	2	—
Physical Education Activities	1	1
	15	15
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Principles of Economics	3	3
General Physics	4	4
Advanced General Biology	5	5
Systematic Botany	—	4
Technical Drawing	2	—
Plane Surveying	3	—
	17	16

100 Concepts of Biology — 4 credits

An introductory course for non-majors planning to take only one semester of Biology. A survey of the plant and animal kingdoms with emphasis on topics such as evolution, genetics, and ecology and their application to such current problems as pollution, over population and eugenics. May not be used to form a sequence with either B-101 or B-102. Each semester.

101-102 General Biology — 4 credits

A general one year introduction into the study of plant and animal life, with an interpretation of the principles of morphology, physiology, ecology, embryology, and genetics as represented by both types of organisms. Emphasis on the above principles is placed on their relationship to man. This course is recommended for those students taking only a single course in biological sciences. Three lectures and one 2-hour laboratory period per week. Each semester.

200 Man and His Environment — 3 credits

A course designed to reveal the impact of man on his environment with emphasis on the biological, economic, and social factors involved with the aim of preparing the students to be sensitive to the significant issues and factors involved in environmental decision making. Three lecture/discussion periods per week. Each semester.

203-204 Advanced General Biology — 5 credits

A general introduction to plant and animal life designed for biology majors and pre-professional students in medicine, dentistry, medical technology, forestry and others. Modern concepts of the chemical properties and physiological activities of organisms are emphasized. Plants are considered in the Fall semester; animals in the Spring. Three lectures and two, three-hour laboratories per week. Prerequisite: General Chemistry, C-111-112; Introduction to Chemistry, C-101-102 or Introduction to Physical Sciences, PS 101-102. A concurrent course in Organic Chemistry is recommended. Each semester.

205 Microbiology — 3 credits

Designed for pre-nursing and Home Ec. students. A study of microorganisms causing infectious diseases and contamination of foods. Principles of sterilization and disinfection are included along with examination of food, water, blood, milk, and excreta. Two lectures and two one-hour laboratory periods per week. Each semester.

Upper Division

303 General Bacteriology — 5 credits

A general survey of the field of bacteriology, designed for students in the general science courses and as a foundation for advanced work in the subject. Three lectures and two 3-hour laboratory periods a week. Prerequisite: Advanced General Biology and Elementary Organic Chemistry. Fall semester.

310 Pathogenic Bacteriology — 4 credits

A course emphasizing the cultural, biochemical and morphological characteristics of the more important species of disease-producing bacteria. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. Spring semester.

343 Genetics — Lecture — 3 credits

A study of the principles of genetics as they relate to living organisms. Prerequisite: one year of General Biology, or one year of Advanced General Biology or equivalent. Spring semester.

SCHOOL OF ARTS & SCIENCES
Department of Biology

344 Genetics Laboratory — 1 credit

A practical course in the techniques of growing and analyzing genetical material. The laboratory work will include exercises in culturing of *Drosophila*, and other animal and plant materials. Results of experimental work will be analyzed and reports submitted. Prerequisite: concurrent or prior enrollment in Genetics Lecture. Spring semester.

365 Cytology — 4 credits

This course is a study of prokaryotic and eukaryotic cells, their specializations, and the structure, function, and variations in their cellular organelles; the mechanism of mitosis, meiosis; chromosomal aberrations; the interactions of nucleus and cytoplasm; and cytological methods. Three 1-hour lectures and one 3-hour lab. Prerequisite: Advanced General Biology. Alternates with Microtechniques, Z-361, and is offered on odd-numbered years. Fall semester.

401 Organic Evolution — 3 credits

History of the development of the theory of evolution. A detailed treatment of the genetic evidence supporting the theory as derived from both plant and animal examples. A discussion of the evidence for vertebrate evolution including that for man. Prerequisite: one year of college biology or equivalent. Genetics recommended. Alternates with Parasitology. Spring semester, odd numbered years.

410 Food Microbiology — 4 credits

A course concerned with those species of micro-organisms of economic importance to food and fermentation industries as they relate to problems of food poisoning and food-borne infections, pollution, spoilage, spoilage control and sanitation. Two lectures and two three-hour laboratory periods per week. Prerequisite: General Bacteriology. Fall semester.

412 General Parasitology — 3 credits

A general study of parasitism including the parasites of man. Lectures devoted to a phylogenetic survey of the parasitic animal groups. Laboratory provides experience in examination of host animals, detection and identification of major locally occurring parasitic groups. Two lectures and one three-hour laboratory per week. Offered alternate years with Organic Evolution. Prerequisite: Advanced General Biology or consent of instructor. Spring semester, even numbered years.

423 Bioecology — 3 credits

A survey of the physical factors of the environment and the biological interrelationships of organisms and their effect on the mode of life and distribution of plants and animals. Three lectures per week. Prerequisite: Advanced General Biology or consent of instructor. Fall semester.

424 Bioecology Laboratory — 1 credit

Field investigations into the broad areas of aquatic and terrestrial eco-systems. Study of population and community dynamics, structures, fluctuations, etc. Prerequisite: Weekend field trips will be taken, concurrent or prior enrollment in Bioecology. Fall semester.

498,499 Biology Seminar — 1 credit

A review of pertinent literature on selected topics. Restricted to senior biology majors. Each semester.

BT BOTANY

Lower Division

201 Systematic Botany — 4 credits

A laboratory, field and lecture course. The various systems of classification are discussed; terminologies employed in taxonomic literature must be mastered. Keys and manuals are employed in identifying collected specimens of local flora. Two lectures and two 2-hour laboratory periods per week or equivalent field trips. Prerequisite: First Semester Advanced General Biology or consent of instructor. Spring semester.

Upper Division

302 Plant Anatomy — 3 credits

This course is designed to acquaint the student with the internal structure of plant tissues, tissue systems and organs from a developmental standpoint. The study will be limited to the higher plants with emphasis on the Angio-sperms. Two lectures and two 2-hour labs. Prerequisite: Advanced General Biology or consent of instructor. Spring semester.

311 Plant Morphology — 4 credits

The student will become familiar with differences in the embryology, development, physiology, anatomy and reproductive cycle of the various plant taxa. Three one-hour lectures, two two-hour labs per week. Prerequisites: Advanced General Biology. Organic Chemistry recommended. Fall semester.

401 Plant Physiology — 4 credits

Plant physiology will emphasize the physical and chemical processes of plant body functions. It includes a study of cellular tissue and organ functions, the mineral requirements of the plant, its metabolism, water uptake, photosynthesis, compounds synthesized by plants and a brief discussion of soil chemistry. Prerequisite: Advanced General Biology and Elementary Organic Chemistry. General Physics and Plant Anatomy are recommended. Fall semester.

FS FORESTRY

Lower Division

101 General Forestry — 2 credits

A general survey of the entire field of forestry, the history and social importance of forestry, timber management and propagation of the important trees of the U.S. Two lectures per week. Spring semester.

Z ZOOLOGY

Lower Division

107 Human Physiology and Anatomy — 5 credits

For students in Home Economics, Pre-Nursing and Physical Education. Designed to give a general knowledge of the more important physiological problems and of the anatomical structure and functions of the human body.

Three lectures and two two-hour laboratory periods per week. Not open for credit to students who have completed Advanced General Biology. Each semester.

Upper Division

301 Comparative Anatomy — 4 credits

Dissection and study of representative types of vertebrates, together with lectures and discussions of general vertebrate anatomy with special reference to the evolution of the various organ systems. Two lectures and two 3-hour laboratory periods a week. Prerequisite: Advanced General Biology or consent of instructor. Fall semester.

305 Entomology — 4 credits

A study of the biology of insects with emphasis on their ecology, classification, morphology, physiology, and control. The course includes exercises in collecting and identification of local species. Two lectures and two 3-hour laboratory periods per week. Prerequisite: Advanced General Biology or consent of instructor. Students are required to meet with the instructor sometime during the academic year which precedes their enrollment in this course in order that they may commence their collecting of specimens during the more productive summer months. Fall semester.

307 Invertebrate Zoology — 4 credits

Morphology, phylogeny and natural history of the marine invertebrate animals and terrestrial arthropods exclusive of the insects. Two lectures and two three-hour laboratories per week. Prerequisite: Advanced General Biology or consent of the instructor. Spring semester.

DEPARTMENT OF CHEMISTRY

Jack L. Dalton, *Chairman*

Professors: Dalton, Hibbs, Peterson (E), Spulnik

Associate Professors: Banks, Carter, Stark

Assistant Professor: Ellis

341 Ornithology — 3 credits

A lecture, laboratory and field course dealing with the classification, structure, identification, distribution and behavior of birds. Two lectures and one two-hour laboratory period each week. Prerequisite: Natural History of the Vertebrates or consent of the instructor. Alternates with Mammalogy and is thus offered on even numbered years. Spring semester.

351 Vertebrate Embryology — 4 credits

An analysis of the development of vertebrates with special emphasis on the experimental approach to morphogenesis in lecture and classical descriptive embryology in the laboratory. Two lectures and two three-hour laboratories per week. Prerequisite: Advanced General Biology or consent of instructor. Spring semester.

355 Natural History of the Vertebrates — 4 credits

A lecture, laboratory and field course dealing with the identification, morphology, life cycle and habitat of fish, amphibians, reptiles, birds and mammals. Special emphasis is placed on local forms. Two lectures and two three-hour laboratory periods per week, plus two weekend field trips. Prerequisite: One year of college biology, or equivalent. Fall semester.

361 Microtechnique — 3 credits

A study of the theory and practical application of procedures involving fixation, staining, preparation of paraffin sections and whole mounts, and histochemical techniques. One hour lecture and two 3-hour laboratory periods. Prerequisite: Advanced General Biology or consent of instructor. Alternates with Cytology, B-365, and is offered on even numbered years. Fall semester.

400 Vertebrate Histology — 4 credits

A course dealing with the microscopic anatomy of cells, tissues, and organ systems of vertebrates with major emphasis on mammalian systems. Two one-hour lectures and two 3-hour laboratories. Prerequisite: Advanced General Biology and either Comparative Anatomy or Vertebrate Embryology are recommended. Fall semester.

401 Mammalian Physiology — 4 credits

Lectures and laboratory exercises in animal physiology dealing with the basic physiological functions of cells, tissues, and organ systems of vertebrate animals. Prerequisite: Advanced General Biology and Elementary Organic Chemistry. Three lectures and one 3-hour laboratory period per week. Spring semester.

411 Ichthyology — 4 credits

The taxonomic, morphological, physiological, ecological and economic aspects of the fishes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Natural History of the Vertebrates. Fall semester.

421 Mammalogy — 3 credits

A lecture, laboratory and field course dealing with the classification, identification, structure, distribution, and life habits of mammals. Two lectures and one two-hour laboratory period per week. Prerequisite: Natural History of the Vertebrates or consent of instructor. Alternates with Ornithology and is offered on odd numbered years. Spring semester.



REQUIREMENTS FOR CHEMISTRY MAJOR

I. Liberal Arts Option:

1. General College and Baccalaureate Degree Requirements. See pages 33-35.
2. Major requirements:

	CREDITS
A. Chemistry	45
General Chemistry	10
Organic Chemistry	10
Physical Chemistry	8
Analytical Chemistry	5
Advanced Inorganic Chemistry	4
Instrumental Analysis	4
Chemistry Seminar	2
Chemistry Preparation or Independent Study	2
B. Mathematics	10-18
Completion of Mathematics through Calculus M-206	
C. Physics	11
3. Recommended Electives	
Foreign Language	
Upper Division Mathematics	
Upper Division Physics	
Life Science Courses	

(Suggested Program)

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
General Chemistry	5	5
Mathematics	5	4-5
Degree Requirements	3	—
Physics I	—	3
	16	15-16

SOPHOMORE YEAR:

Analytical Chemistry	5	—
Mathematics	4	4
Physics II and III	3	3
Physics Lab I and II	1	1
Degree Requirements	3	9
	16	17

JUNIOR YEAR:

Physical Chemistry	4	4
Organic Chemistry	5	5
Degree Requirements or Electives	6	6
	15	15

SENIOR YEAR:

Chemistry Seminar	1	1
Advanced Inorganic	2	2
Instrumental Analysis	—	4
Chemistry Preparations or Independent Study	1	1
Degree Requirements or Electives	12	9
	16	17

SCHOOL OF ARTS & SCIENCES
Department of Chemistry

II. Secondary Education Option:

1. General College and Baccalaureate Degree Requirements. See pages 33-35.

2. Major Requirements:

	CREDITS
A. Chemistry	39
General Chemistry	10
Organic Chemistry	10
Physical Chemistry	8
Analytical Chemistry	5
Advanced Inorganic Chemistry	4
Chemistry Seminar	2
B. Mathematics	10-18
Completion of Mathematics through Calculus M-206.	
C. Physics	11
3. Education Requirements	20
Foundations of Education	
Educational Psychology	
Secondary School Methods	
Secondary Student Teaching	
Education Electives	

(Suggested Program)

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
General Chemistry	5	5
Mathematics	5	4-5
Degree Requirements	3	—
Physics I	—	3
	16	15-16

SOPHOMORE YEAR:		
Analytical Chemistry	5	—
Mathematics	4	4
Physics II and III	3	3
Physics Lab I and II	1	1
General Psychology	3	—
Degree Requirements	—	6
Foundations of Education	—	3
	16	17

JUNIOR YEAR:		
Physical Chemistry	4	4
Organic Chemistry	5	5
Educational Psychology	3	—
Degree Requirements or Electives	3	6
	15	15

SENIOR YEAR:		
Advanced Inorganic Chemistry	2	2
Chemistry Seminar	1	1
Secondary School Methods	—	3
Secondary Student Teaching	—	6
Degree Requirements or Electives	15	—
Audio Visual Aids	—	2
	18	14

Course Offerings

C CHEMISTRY

Lower Division

100 Concepts of Chemistry — 4 credits

A descriptive, non-mathematical course designed to acquaint students with the science of chemistry and chemistry's relationship to other fields of study and to modern life. This course cannot serve as a prerequisite to any other Chemistry course, nor will it serve a part of a Chemistry sequence. Students who have received credit for C-102 or C112 may not receive credit for C-100. Three lectures and one 3-hour laboratory per week. Each semester.

***101-102 Introduction to Chemistry — 4 credits**

This course is designed for those students whose curriculum does not require an intensive study of chemistry. The course deals with fundamental principles of chemistry. First semester — atomic and molecular structure, states of matter, general reactions, and solutions; Second semester — ionization, equilibrium, redox, electrochemistry and an introduction to Organic Chemistry. The second semester also includes introductory, semi-micro, qualitative analysis. Three lectures and one 3-hour laboratory period per week. Each semester.

***111-112 General Chemistry — 5 credits**

A thorough study of the fundamentals and principles of chemistry involving their application to various elements. The second semester includes qualitative analysis on the semi-micro scale. This course is designed for those students whose curriculum requires a considerable knowledge of chemistry. Three lectures and two 3-hour laboratory periods per week. Recitations are included in the laboratory sessions. Prerequisite: high school chemistry. Each semester.

***207-208 Elementary Organic Chemistry — 3 credits**

An introductory course covering the fundamental principles and applications of organic chemistry. Designed for those students who do not require an intensive study of chemistry. Two lectures and one 3-hour laboratory per week. Prerequisite: Chemistry C-102 or C-112. Each semester.

211 Analytical Chemistry — 5 credits

Quantitative application of mass and volume relationships and of chemical equilibria to gravimetric and volumetric analysis. Three lectures and two 3-hour laboratory periods per week. Prerequisite: General Chemistry C-112. Fall semester.

Upper Division

***317-318 Organic Chemistry Lecture — 3 credits**

A comprehensive study of organic compounds with emphasis on reaction mechanisms and synthesis.

Designed to fulfill the requirements of Chemistry majors, Chemical engineers, and professional and preprofessional students. Three lectures per week. Prerequisite: General Chemistry C-112. Each semester.

319-320 Organic Chemistry Laboratory — 2 credits

The first semester will cover the basic lab techniques used in Organic Chemistry and organic preparations. The second semester will deal with the interpretation of spectra and qualitative analysis. Two three-hour labs per week. Prerequisite: Chemistry 317-318 or concurrent enrollment. Each semester.

*Certain courses cover somewhat similar subject matter, and credit cannot be granted for both courses. Credits for C-101, 102 will not be allowed if credit is given in C-111, 112. Credits for C-207, 208 will not be allowed if credit is given in C-317, 318.

*A hyphen between course numbers indicates that the first numbered course is a prerequisite to the second numbered course; a comma between course numbers indicates either course may be taken independently of the other.

DEPARTMENT OF COMMUNICATION

Dr. Robert R. Boren, *Chairman*

Professor: Boren

Associate Professors: Pitman, Warwick

Assistant Professors: Boylan, French, Gephart, Kumar, Rayborn

Instructor: Demoux

321-322 Physical Chemistry — 4 credits

A study of chemical thermodynamics, reaction kinetics, phase equilibria, electrochemistry, absorption, molecular structure, and quantum theory. Three lectures and one 3-hour lab per week. Prerequisite: General Chemistry C-112, General Physics PH-102 or Physics PH-221, and Calculus and Analytic Geometry M-206 or equivalent. Each semester.

341, 342 Glassblowing — 1 credit

Chemistry 341 is designed to acquaint the student with the basic techniques of scientific glassblowing. Practice in end to end joints, T-seals, ring seals, flaring, rounded ends and bulbs. Chemistry 342 is designed to give the student practice in the above techniques by the construction of more complicated apparatus such as distillation equipment. One three-hour lab per week. Prerequisite: Junior standing. Each semester.

401-402 Advanced Inorganic Chemistry — 2 credits

The first semester will cover atomic and molecular structure periodic properties, acid-base properties and the chemistry of the elements. The second semester includes chemical bonding, complex ions, coordination compounds, nonaqueous solutions and nuclear reactions. Two lectures per week. Prerequisite: two years of college chemistry. Each semester.

411 Instrumental Analysis — 4 credits

Theory and practice of the more common instrumental methods of analysis, laboratory experience with commercial instruments. Two lectures and two three-hour labs per week. Prerequisite: Analytical Chemistry C-211. Spring semester.

417, 418 Chemical Preparations — Organic — 1 credit

A course designed to give students practical experience in the preparation of Organic compounds. The student will be assigned a number of compounds to prepare. May be taken either in one semester for 2 credits or in two semesters for 1 credit each semester. Prerequisite: Organic Chemistry C-318 and Senior standing. Offered on demand.

421, 422 Chemical Preparations — Inorganic — 1 credit

A course designed to give students practical experience in the preparation of inorganic compounds. The student will be asked to prepare a number of compounds. May be taken either in one semester for 2 credits or in two semesters for 1 credit each semester. Prerequisite: Physical Chemistry C-321 and C-322 and Senior standing. Offered on demand.

431 Introduction to Biochemistry — 3 credits

A study of the chemistry of biologically important compounds, and an introduction to metabolism. Three lectures per week. Prerequisite: C-208 or C-318. Spring semester.

432 Biochemistry Laboratory — 1 credit

Identification, isolation, and reaction of biologically important compounds. One 3-hour laboratory per week. Prerequisite: C-431 or concurrent enrollment. Spring semester.

498, 499 Chemistry Seminar — 1 credit

Group discussions of individual reports on selected topics in the various fields of Chemistry. Prerequisite: Chemistry Major and Senior standing. Each semester.

REQUIREMENTS FOR COMMUNICATION MAJOR

1. Completion of general college requirements for Bachelor of Arts degree as listed on pages 30-33.
2. Requirements for Communication major: all majors in the Department of Communication, regardless of their specific emphasis, shall complete the following courses:

	Credits
CM 111 - Fundamentals of Speech Communication	3
CM 201 - Methods of Inquiry	3
CM 221 - Communication Process	3
CM 421 - Theories of Communication	3
CM 498 - Communication Seminar	2
Courses for Area of Emphasis	26-29
Total	40-43

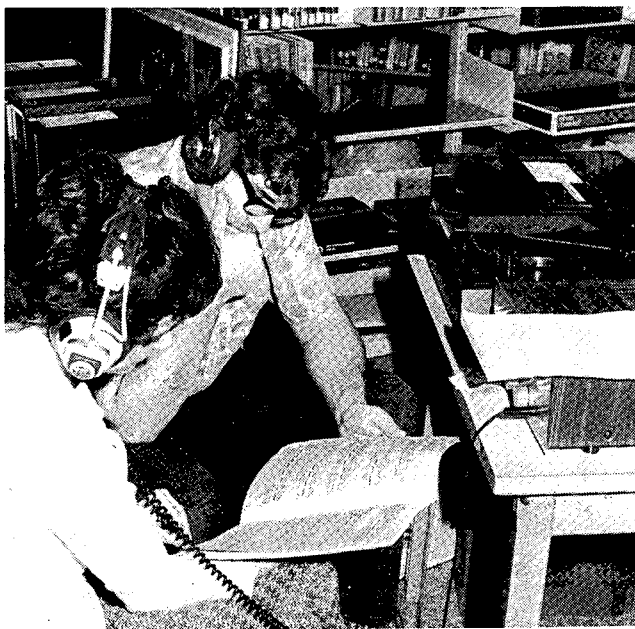
COMMUNICATION MAJOR

Bachelor of Arts Program

(Suggested Programs)

INTERPERSONAL COMMUNICATION EMPHASIS

	Credits
1. General College Requirements	
2. Departmental Core Requirements	14
3. Suggested Courses, as follows:	
A. CM-131 Listening	
CM-251 Discussion Methods	
CM-307 Interviewing	
CM-431 Small Group Process	8-9
B. CM-171 Mass Communication: Concepts and Perspectives	
CM-341 NonVerbal Communication	
CM-351 SocioCultural Communication	8-9
CM-361 Organizational Communication	
CM-412 Persuasion	
CM-478 Public Relations	
C. CM-321 History of Rhetorical Theories	
CM-331 History of Public Address	3
CM-332 Contemporary American Address	
D. CM-112 Argument and Debate	
CM-113 Competitive Speaking	
CM-121 Voice and Diction	
CM-211 Intermediate Speech Communication	
CM-231 Speech Construction and Delivery	
CM-241 Oral Interpretation	6-7
CM-271 Journalistic Communication: Theory and Practice	
CM-273 Reporting and News Writing	
CM-312 Applied Speech Communication	
CM-451 Communication Practicum	
CM-471 Radio-TV Newswriting	
Total	40-43



MASS COMMUNICATION EMPHASIS:

1. General College Requirements	
2. Departmental Core Requirements	14
3. Suggested Courses, as follows:	
A. CM-171-172 Mass Communication: Concepts and Perspectives	6
CM-271-272 Journalistic Communication Theory and Practice	6
Departmental Electives	14
Total	40

SECONDARY EDUCATION EMPHASIS:

1. General College Requirements	
2. Departmental Core Requirements	14
3. Education requirements. (See Section V, Secondary Education)	
4. Suggested Courses, as follows:	
A. CM-241 Oral Interpretation	3
CM-401 Methods of Teaching Communication Arts	3
B. CM-112 Argument and Debate	
CM-113 Competitive Speech	
CM-121 Voice and Diction	
CM-131 Listening	9
CM-231 Speech Construction and Delivery	
CM-312 Applied Speech Communication	
CM-451 Communication Practicum	
C. CM-251 Discussion Methods	
CM-307 Interviewing	2 or 3
CM-431 Small Group Process	
D. CM-321 History of Rhetorical Theories	
CM-331 History of Public Address	3
CM-332 Contemporary American Address	
E. CM-171 Mass Communication: Concepts and Perspectives	
CM-271 Journalistic Communication: Theory and Practice	
CM-341 NonVerbal Communication	6
CM-351 Socio-Cultural Communication	
CM-412 Persuasion	
Total	40-41

NOTE: A student with a single teaching field must complete at least 45 credits.

COMBINED MAJOR: COMMUNICATION—ENGLISH

A. With **Journalism** emphasis: Department requirements

COMMUNICATION

Fundamentals of Speech Communication, CM 111	(3)
Methods of Inquiry, CM 201	(3)
Journalistic Communication: Theory & Practice, CM 271 or 272	(3)
Communication Process, CM 221	(3)
History of Rhetorical Theories, CM 321	(3)
Theories of Communication, CM 421	(3)
Communication electives (UD)	(9)

27 hrs.

ENGLISH

Literature Survey ¹	(6)
Composition above the basic sequence ²	(6)
Introduction to Language Study, LI 305	(3)
Literature electives* (UD)	(12)

27 hrs.

(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

Total Hrs.: 56 (27 & 27 & 2)

* 3 hrs. in courses before 1800

B. With **Communication** emphasis: Departmental requirements

COMMUNICATION

Fundamentals of Speech Communication, CM 111	(3)
Methods of Inquiry, CM 201	(3)
Communication Process, CM 221	(3)
Socio Cultural Aspects of Communication, CM 351	(3)
Organizational Communication, CM 361	(3)
Theories of Communication, CM 421	(3)

Electives	18 hrs.
	9
	27

ENGLISH

Literature Survey ¹	(6)
Humanities HU 207 or 208	(3)
Advanced Writing & Linguistics ³	(9)

Electives	18 hrs.
	9
	27

N.B. ELECTIVES:

1. If student does not elect another Humanities course (either HU 207 or HU 208), then he should take 9 additional upper division courses in each department.
2. If student elects the extra 3 hours in Humanities (either HU 207 or HU 208), then he would take 6 extra upper division hours in Communication or English and 9 upper division hours in the other department.

(Add Senior Seminar — either CM 498 or E 498 — 2 hrs.)

Total Hrs.: 56 (27 & 27 & 2)

¹ British or American. Student should consider upper-division courses he will want to take.

² To be chosen from Advanced Expository Composition (E-201), the Creative Writing sequence or technical writing.

³ To be chosen from E-201, Technical Writing, LI 305, LI 307, LI 309.

Course Offerings

CM COMMUNICATION

Lower Division

102 Professional Speech Communication — 2 credits

A course designed especially for two-year preprofessional curricula. Theory and principles involved in oral communication situations in the professional world: interviews, conferences, group process, and public speaking. Each semester.

111 Fundamentals of Speech-Communication — 3 credits

Fundamental principles of public speaking; audience analysis; interest and attention factors; listening; selection and organization of speech material; delivery. Practice in preparation and delivery of extemporaneous speeches. Students may not earn credits in this course and in Professional Speech Communication CM-102. Each semester.

112 Argumentation and Debate — 3 credits

Introduction to Argumentation and Debate and the role of each in a free society. Preparation for and participation in phrasing and analyzing propositions; briefing and presenting evidence; studying persuasion, refutation, fallacies of argument. Either semester.

113 Competitive Speaking — 3 credits

A concentrated study of and practice in intercollegiate contest speaking; for example: expository, persuasive, oratorical, interpretive and extemporaneous speaking. Either semester.

114 Intercollegiate Debate — 1 credit

Preparation for and participation in competitive debate using the current intercollegiate debate topic. Prerequisite: CM-112 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.

121 Voice and Diction — 3 credits

Study of the vocal mechanism, voice quality, pitch, rate, volume, and intensity in the production of speech. Phonetics used as a base for acquiring skill in articulation of standard American speech. An investigation of the student's individual speech problems. Either semester.

131 Listening — 3 credits

Theory and practice of man's most used communication skill. Analysis of variables as they promote or impede the process of listening. Each semester.

171, 172 Mass Communication: Concepts and Perspectives — 3 credits

A survey of communication theory as related to current practice of the mass media. Emphasis is placed on the examination of the consumer of mass communication. Not to be taken concurrently with CM 271-272. CM 171-Fall semester. CM 172-Spring semester.

201 Methods of Inquiry — 3 credits

Introduction to methods of inquiry used in communication research, emphasizing their value and utility.

221 Communication Process — 3 credits

An introduction to and analysis of the process and problems in Communication. Emphasis upon contributions from speech and related disciplines. Each semester.

231 Speech Construction and Delivery — 3 credits

The theory and practice of speech construction. Application to specific audience situations. Delivery of manuscript speeches. Practice in various mass media. Fall semester.

241 Oral Interpretation — 3 credits

Practice in reading prose, poetry, and drama to help the student determine the logical and emotional meaning of a selection and project that meaning to his listeners. A portion of the time is spent in voice development. Either semester.

251 Discussion Methods — 3 credits

Study and practice in small group interaction; includes theory and concepts of planning and performing, social climate and group decision-making. Spring semester.

271, 272 Journalistic Communication:

Theory and Practice — 3 credits

An experiential based study of journalistic theory and practice. Emphasis is placed on the production of mass media content, through closed circuit radio and television productions and laboratory publications. Not to be taken concurrently with Communication 171-172. CM 271- Fall semester. CM 272-Spring semester.

273-274 Reporting and News Writing — 3 credits

Fundamentals of reporting, from techniques of interviewing and fact-gathering through the construction of the news story. Emphasis will be placed on accuracy, conciseness and clarity in writing. Includes study of elements of newspaper styles — usage, grammar, punctuation, capitalization — and the use of copyreading symbols. Prerequisite: CM 171 or 172 or consent of instructor, and ability to use typewriter. Each semester.

275 Supervision of School Publications — 2 credits

For prospective teachers who plan to be advisers of school newspapers and yearbooks, a study of fundamentals in writing, layout and management of scholastic publications. Spring semester.

Upper Division

307 Interviewing — 2 credits

An examination of the theory upon which communication behavior in dyadic situations is based. Practical experience in various types of interviews as confronted in business, in education, and in the professions. Spring semester.

311 Speech-Communication for Teachers — 3 credits

A course to improve prospective teachers' command of the communication processes used in effective teaching; emphasis on situations that confront teachers, instruction in phonetic analysis of American English speech sounds, assistance in self-improvement through the mastery of communication methods. Each semester.

312 Applied Speech Communication — 3 credits

An application of basic principles of speech communication to real life situations involving current community problems and issues. Prerequisite CM 111 or 102 or consent of instructor. Spring semester.

314 Intercollegiate Debate — 1 credit

Preparation for and participation in competitive debate using the current intercollegiate debate topic. Prerequisite: CM-114 or permission of the instructor. Each semester. CM-114 and 314 may be repeated for a total of 4 credits.

321 History of Rhetorical Theories — 3 credits

A study of the major rhetoricians from the classics of Aristotle, Plato, Sophists, Quintilian through Medieval-Renaissance and Modern. (Blair, Campbell, Whately) to contemporary theories of oral discourse. Either semester.

331 History of Public Address — 3 credits

A study of great addresses throughout history. An evaluation of the address, the spokesman, the historical context in which they spoke, their ideas and the effect of their advocacy on society. Fall semester.

332 Contemporary American Address — 3 credits

A continuation of Public Address covering the United States in the years 1960 to present. Spring semester.

341 Non-Verbal Communication — 2 credits

An examination of the function of non-verbal language codes in Communication. An analysis of space, time, color, form, and vocal language codes inherent in all areas of human communicative interaction. Emphasis on individual projects demonstrating non-verbal communication. Fall semester.

SCHOOL OF ARTS & SCIENCE

Department of English

351 Socio-Cultural Communication — 3 credits

An analysis of societal and cultural influences on effective inter-personal Communication. A critical examination of specific communication problems and suggested correctives related to the function of society and culture. Alternate years.

361 Organizational Communication — 3 credits

The application of Communication theory and methodology to the study of Communication within the formal organization. Theories and problems of human Communication within and between organizations. Fall semester.

371 Copyreading and Editing — 3 credits

Techniques of reading newspaper copy; the use of proper copyreading symbols; laboratory work in editing and rewriting copy for publication. Prerequisite: CM 273 or 274 Fall semester.

372 Journalistic Communication Practicum — 1-4 credits

Designed for students who seek professional experience and professional careers. The course offers students training with professionals in the community. Prerequisite: Consent of the instructor. May be repeated for a total of 4 hours. Each semester.

375 Student Publications Techniques — 2 credits

A survey of techniques of writing, editing, layout, and design. Students without formal training or experience in Journalism will develop skills in newspaper production both by classwork and by work on the student newspaper. Students will meet in regular class and lab sessions under the supervision of the instructor. Each semester.

376 Yearbook Techniques — 1 credit

Techniques of layout planning, picture sizing, and writing copy for yearbooks. Recommended for members of the Les Bois staff and for students preparing to be publications advisors. Not intended for production of a yearbook. Spring semester.

401 Methods of Teaching Communication

Arts — 3 credits

Analysis and planning of curriculum for speech-communication and drama. Instructional materials and methods of teaching speech-communication and drama. Attention to classroom instruction techniques, development of behavioral objectives, forensics program management and play production. Spring semester.

412 Persuasion — 3 credits

Theories of human motivation as operative in individuals and groups; the role of evidence, reasoning, and ethical proof; the analysis of persuasive materials. Spring semester.

421 Theories of Communication — 3 credits

A critical evaluation of theories in the field of Communication. An examination of the interrelationships of definitions, models and theory. Analysis of related theories of communication: e.g., Anthropological, mass media, social-psychological. Fall semester.

431 Small Group Process — 3 credits

An advanced study of specific variables and theories affecting the communicative interaction of small groups. Focus upon small group behavior in terms of variables that affect group process: structure, interaction, transaction, roles, norms, and cohesiveness. Fall semester.

451 Communication Practicum — 1-4 credits

Directed study emphasizing the practical application of skills and theory relevant to human communication. An opportunity to focus on areas of special interest to the student. Prerequisite: Senior standing. May be repeated for a total of 4 credits.

471 Radio-TV Newswriting — 2 credits

Practice writing of radio-tv news, including timing and arrangement of material, adding script to film, techniques for condensing stories . . . deciding the importance of story material. Preparation of "headlines," five and ten minute broadcasts. Prerequisite: Reporting and Newswriting CM 273-274. Fall semester.

478 Public Relations — 3 credits

Analysis of public relations media and methods. Public relations as a management tool. Identifying and reaching the various publics. Practice in writing publicity releases. Spring semester.

498 Communication Seminar — 2 credits

A study of speech-communication problems together with presentation of paper(s) based on research into problems. Prerequisite: Senior standing. Each semester.

DEPARTMENT OF ENGLISH

Dr. Charles G. Davis, *Chairman*

Professors: Chatterton, Davis, Wright

Associate Professors: Boyer, Peek, Wallace (E.), Willis

Assistant Professors: Burmaster, Cocotis, Evett, Hadden, Hansen, Hijiya, Ingram, Leahy, McGuire, Mullaney, Nickerson, Renton, Sanderson, Selander, Townsend, Warner, Weitman, Wilbanks

Instructor: Trusky

Emeriti: Beckwith, Hatch, Woodworth

REQUIREMENTS OF ENGLISH MAJORS

Bachelor of Arts Degree

- I. Completion of general college requirements for Bachelor of Arts. See Pages 30-33.
- II. English major requirements

	CREDITS
A. Required courses for all majors	29
1. Survey of British Literature	6
2. History of Literary Criticism	3
3. Shakespeare	3
4. Pre-1800 British Literature	6
5. Post-1800 British or American Literature	6
6. Introduction to Language Studies	3
7. Senior Seminar	2
B. Required courses in English Options	
1. Liberal Arts Option:	
a. Competence in a Foreign Language Equivalent to that gained by 2 years of college instruction.	
b. History of the English Language	3
c. English Electives, of which 3 must be American Literature credits. (The American Literature may be lower division)	18

2. Secondary Education Option:
- d. Applied English Linguistics 3
 - e. Oral Interpretation 3
 - f. Teaching English Composition 3
 - g. English Electives, of which 3 must be American Literature credits. (The American Literature may be lower division) 12
 - h. Professional courses required by the department and which count toward certification
 - 1) Methods of Teaching Secondary School English 21

Grand Total

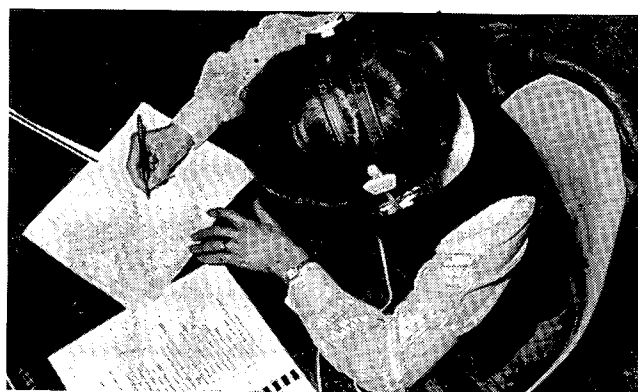
- 1) Liberal Arts Option — General college requirements, plus 44 hours in major subject, plus equivalent of 2 years of a foreign language.
- 2) Secondary Education Option — General college requirements plus 35 hours in major subject, plus professional courses in certification. (See Part V for required Professional Education courses.)

Suggested Teaching Minor in English

Students who desire a teaching minor in English need no planned program to become certified, but in order to offer a student the best preparation and job qualification, the Department of English recommends the following program which it thinks constitutes a solid minor in English. An advisor in English will assist a student wishing to follow such a minor or portion of it, if the student prefers.

Advanced Composition	3
Linguistics	3
E-301 or E-381	3
Survey of American Literature	4
Lower Division Literature	6*
Upper Division Literature	6

* Recommended: Humanities, HU 207 and HU 208; World Literature, E-230 and E-235; British Literature, E-240 and E-260.



**COMBINED MAJOR:
COMMUNICATION — ENGLISH**

The combined major is designed for students interested in jobs in business and industry or mass communication. It offers an opportunity to combine courses in complementary subject areas. Students may select an emphasis in **Journalism** or in **Communication** under the combined major.

Refer to page 50 under the Department of Communication for the listing of requirements.

Course Offerings

E ENGLISH

Students who transfer from other schools with qualifying scores on objective tests, equivalent to those administered to Boise State College freshmen, will be required to take only the essay section of the placement tests. See requirements below for Remedial and Advanced Placement in English composition.

Nine credits of creative writing may be counted toward fulfillment of the major requirement.

Lower Division

010 Developmental Writing — Non Credit

The fundamentals of grammar, composition and reading required of students with ACT Group 1 Probability scores of below 20 or students whose first writing in E-101 is deficient. For students wishing basic review. Each semester.

101 English Composition — 3 credits

Basic skills in writing, including use of supportive materials, source references, basic patterns of organization, and standard usage. Prerequisite: ACT score 20 or S in Developmental Writing. Each semester.

102 English Composition — 3 credits

Advanced practice in expository writing, including analysis and interpretation of imaginative literature. Study of the relationship between literature and human experience. Prerequisite: E-101 or consent of Department Chairman. Each semester.

120 English as a Second Language — 3 credits

Basic skills in American English pronunciation, sentence structure, composition and reading for foreign students with TOEFL scores (or equivalent) of 500 or below. Practice in speaking & listening to current American English; reading and vocabulary development; elementary principles of English Composition. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor.

Credit not applicable toward requirements for graduation.

121 English as a Second Language — 3 credits

Continuation of E-120 with special emphasis on vocabulary development, reading and development of skills in written English. For foreign students with TOEFL scores (or equivalent) of 500-550. Prerequisites: Admission to College, recommendation of Foreign Student Advisor and consent of instructor. Credit not applicable toward requirements for graduation.

122 Composition and Reading for Foreign Students — 3 credits

Practice in college level reading and composition; development of special vocabulary skills related to students individual needs; advanced English sentence structure. For Foreign Students with TOEFL of 551-575. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

123 Advanced English Composition for Foreign Students — 3 credits

Study of and practice in the principles of formal and informal written English; principles of the essay and research paper; continuation of vocabulary development and mastery of the more complex types of English structure. Prerequisites: Admission to college, recommendation of Foreign Student Advisor and consent of instructor. The sequence E-122-123 satisfies the E-101 requirement for foreign students.

SCHOOL OF ARTS & SCIENCE
Department of English

201 Advanced Expository Composition — 3 credits

An advanced writing course for students who wish to develop skills beyond those acquired in English Composition. Students examine specimens of professional writing as well as criticizing the work of other students. Extensive writing practice stressing organization, clarity and effectiveness. Prerequisite: E 102 or consent of Department Chairman. Each semester.

205 Creative Writing — Poetry — 3 credits

Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.

206 Creative Writing — Fiction — 3 credits

Short story or playwriting. Prerequisite: instructor's consent based on evaluation of student's original work. Spring semester.

211 The Bible as Literature — 3 credits

A study of selected portions of the Old and New Testaments as they illustrate, primarily, major literary types. Prerequisite: E 102. Spring semester.

213 Afro-American Literature — 3 credits

The Black experience as reflected in the development of Black American literature. This course relates Afro-American writing to its salient social and cultural conditions. It explores recurrent and characteristic themes, techniques, and genres from Slavery to the present. Emphasis is on Black writing from the 1930's to the present day. Prerequisite: E 102. Fall semester.

215 Far Eastern Literature, In Translation — 3 credits

A survey of literature of Far Eastern countries with the major emphasis on China, India, and Japan. Included will be an introduction to the cultural and religious milieu of each country covered in the course. Prerequisite: E 102. Spring semester.

217 Mythology — 3 credits

Thematic approach to mythology. Covers creation myths, death rituals, and cultural concepts of the hero. Includes material relating myth to religion, the occult, modern psychology, literature, and general Western culture. Prerequisite: E 102. Fall semester.

219 North American Indian Folklore and Literature — 3 credits

A comparative study of traditional Native American beliefs and practices as reflected in authentic oral narratives and creative written literature. The conflict, form, and style of oral narratives and the functions which these narratives serve in preliterate societies receive particular emphasis. Prerequisite: E 102. Fall semester.

230 Western World Literature — 3 credits

Homer through Dante. Prerequisite: E-102. Fall semester.

235 Western World Literature — 3 credits

Renaissance to Present. Prerequisite: E-102. Spring semester.

240 Survey of British Literature to 1790 — 3 credits

Prerequisite: E-102. Fall semester.

260 Survey of British Literature: 1790 to Present — 3 credits

Prerequisite: E-102. Spring semester.

270 Survey of American Literature — 4 credits

Study of American literature from the Colonial period to the present. Prerequisite: E-102. Each semester.

Upper Division

301 Teaching English Composition — 3 credits

Methods and techniques for teaching English composition in secondary schools, with emphasis on individualization of instruction, student-centered activity, creativity, and integration of composition into all the other aspects of the total English program. Limited to teachers, students with a secondary option and a major or minor in English, or consent of the department. Prerequisites: Upper Division standing, and LI 305, introduction to Language. Studies, or inservice teaching. Either semester.

305 Advanced Poetry Composition — 3 credits

Prerequisite: instructor's consent based on evaluation of student's original work. Spring semester.

306 Advanced Fiction Composition — 3 credits

Short story or playwriting. Prerequisite: instructor's consent based on evaluation of student's original work. Fall semester.

320 Non-British Western World Drama — 3 credits

A survey of major European dramatists from Aeschylus to Anouilh, with special emphasis on the comparison and contrast of the Greek, Renaissance, and modern periods. Also included is material on the development of European drama, the use and misuse of dramatic devices, and the adaptation of various kinds of drama to the periods studied. Prerequisite: Junior standing and E 102 or consent of the Department Chairman. Either semester.

336 Nineteenth-Century Continental Literature — 3 credits

A study (in translation) of major European writers of the Nineteenth Century. Specific reading selections vary each semester, but keep within a chronological approach stressing the relationship of the literature to the socio-economic and political conditions of the times. Included are works by Goethe, Stendahl, Flaubert, Nietzsche, Schopenhauer, Dostoevsky, and Tolstoy. Prerequisite: Junior standing and E 102 or consent of Department Chairman. Fall semester, alternate years. To be offered 1974-75.

338 Twentieth-Century Continental Literature — 3 credits

The readings (in translation) used for Twentieth Century Continental Literature especially emphasize twentieth century philosophical trends and cultural themes. Included in the course are works by Mann, Mauriac, Lagerkvist, Kafka, Hesse, Grass and Solzhenitsyn which examine mythological, existential, religious, and political themes in relation to contemporary human values. Prerequisite: Junior standing and E 102 or consent of Department Chairman. Spring semester, alternate years. To be offered 1974-75.

340 Chaucer — 3 credits

A study of representative works of Geoffrey Chaucer with emphasis on *The Canterbury Tales* and *Troilus and Criseyde*. Prerequisite: Three units lower-division literature or consent of Department Chairman. Fall semester, alternate years. To be offered 1974-75.

341 Medieval Epics and Romances — 3 credits

A study of representative English and Continental epics and romances, which include *Beowulf*, *Sir Gawain and the Green Knight*, Chretien de Troyes' *Arthurian Romances*, *The Song of Roland*, *The Nibelung enlied*, and *The Cid*. Prerequisite: Three units lower-division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1975-76.

345 Shakespeare: Tragedies and Histories — 3 credits

A study of representative Shakespearean Tragedies and Histories. Prerequisite: Three units lower-division literature or consent of Department Chairman. Spring semester.

346 Shakespeare: Comedies and Romances — 3 credits

A study of representative Shakespearean Comedies and Romances. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

347 Spenser — 3 credits

Prerequisite: Three units lower division literature or consent of Department Chairman. A study of the *Faerie Queene* and minor works. Either semester, alternate years. To be offered 1975-76.

348 British Renaissance Non-Dramatic Literature — 3 credits

A study of British poetry and prose from the sixteenth century, including works by More, Marlowe, Spenser, Sidney, Shakespeare, and Bacon. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1974-75.

349 Elizabethan and Jacobean Drama — 3 credits

A study of Elizabethan and Jacobean comedies and tragedies, which include representative works of such playwrights as Kyd, Marlowe, Jonson, Thomas Heywood, Beaumont and Fletcher, Dekker, Greene, Tourneur, Chapman, Middleton, Webster, and Ford. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1975-76.

350 Earlier Seventeenth Century Non-Dramatic Literature — 3 credits

A study of the poetry and prose written by English authors such as Donne, Jonson, Bacon, Burton, and Marvell, who flourished during the first sixty years of the 17th century. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester, alternate years. To be offered 1974-75.

351 Milton — 3 credits

A study of selected prose and poetry of John Milton with special emphasis on *Paradise Lost*, *Paradise Regained* and *Samson Agonistes*. A special attention will be given to intellectual, religious and historical milieu of Milton's age. Prerequisite: Three units lower division literature or consent of Department Chairman. Alternate years, fall semester. To be offered 1975-76.

355 Dryden Pope and Their British Contemporaries — 3 credits

An in depth study of two of the masters of "neoclassic" poetry and other literary trends. The course will also provide an introduction to Restoration drama, the periodic essay, modern prose fiction and the various modes of satire popular in England between 1660 and 1740. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester, alternate years. To be offered 1974-75.

357 Swift, Johnson and Their British Contemporaries — 3 credits

A study of the and philosophy of two of Britain's best known writers. A look also at the various currents which cross a period in which the "Enlightenment" gave way to modern outlooks. Other authors read usually include Fielding, Sterne, Gray, Gibbon, Burke, and Blake. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1974-75.

359 British Novel: Beginnings through Scott — 3 credits

An investigation of the development of the novel, tracing its roots and exploring the work of DeFoe and the "big four" — Richardson, Fielding, Smollett and Sterne—through the emergence of the sophisticated novels of Jane Austen and the historical romances of Scott. The emergence of the most popular genre of literature helps us to understand how fiction reflects our assumptions about the world around us. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

360 British Romantic Poetry — 3 credits

A study of representative poems and supplemental statements by the Romantics, Wordsworth, Coleridge, Shelley, Keats, Byron, and selected contemporaries, including Blake and Hazlitt. Prerequisite: Three units lower division literature or consent of Department Chairman. Fall semester.

365 Victorian Poetry — 3 credits

A study of representative works from the writings of Tennyson, Browning, Arnold, and their contemporaries, up to and including Thomas Hardy. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1975-76.

366 Victorian Prose — 3 credits

A study of the intellectual and spiritual crises of mid-19th century Britain, as represented in the non-fiction prose of such writers as Carlyle, Arnold, J.S. Mill, Huxley, Newman, and Ruskin. Prerequisite: Three units of lower division literature or consent of Department Chairman. Spring semester, alternate years. To be offered 1974-75.

369 British Novel: Austen through Hardy — 3 credits

An investigation of the development of the English novel from the beginning of the Victorian era to the death of Hardy in 1928, with particular attention to the relationships between the novel and Victorian attitudes up to the emergence of the twentieth-century British novel. Prerequisite: Three units lower division literature or consent of Department Chairman. Spring semester.

377 American Renaissance — 3 credits

A study in the second generation of the American literary experience when such leading writers as Hawthorne, Melville, Emerson, Thoreau, Poe and Whitman, acting under the varied impulses of Puritanism, romanticism and Idealism, created the first universal vision of human experience to appear in American literature. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

378 American Realism — 3 credits

A study of American literature written during the period from the Civil War to World War I. Mark Twain, W.D. Howells, Henry James, Kate Chopin, Theodore Dreiser, and contemporaries refined their literary techniques to accommodate their basic belief that literature should be written about the average person in the light of common day. Such related theories and ideas as Social Darwinism, psychologism, scientism, impressionism, and Howells' "doctrine of complicity" also receive attention in lectures and in discussions of novels. Prerequisite: Three units of lower division literature or consent of Department Chairman. Either semester.

381 Methods of Teaching Secondary School English — 3 credits

Study of traditional and modern theories and methods of teaching composition, language and literature at the secondary level. Prerequisite: Introduction to Language Studies LI 305. Fall semester.

384 Literature of the American West — 3 credits

Selected works by representative writers of the American West. A study of such Western types as the mountain man, the cowboy, and the pioneer in the works of such serious writers as Wallace Stegner, Owen Wister, H.L. Davis, John Steinbeck, and Willa Cather. In addition to assessing the literary merits of the works studied, regional attitudes and values are analyzed and discussed. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

385 Twentieth-Century Anglo-American Fiction — 3 credits

This course is designed to acquaint both non-majors and majors in literature with typical themes, subject matter, and stylistic innovations in British and American fiction since 1900. Reading includes selected novels and short stories by such authors as Cary, Ellison, Faulkner, Gardner, Golding, Hemingway, Joyce, Lawrence, O'Connor, Steinbeck, Welty, and others. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

389 Twentieth-Century Anglo-American Drama — 3 credits

A study of plays that reveal techniques and ideas used by the British and American writers who have created the various forms of "modern" drama. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

390 Folklore — 3 credits

Study of what folklore is, its written and oral traditions, its different genres, and the analogues — or variants related to different genres. Prerequisite: E-102 and junior standing or consent of Department Chairman. Either semester.

393 History of Literary Criticism — 3 credits

A survey of critical approaches to literature from Plato to the twentieth century. Prerequisite: Junior standing and a literature survey or consent of the Department Chairman. Fall semester.

487GTwentieth-Century Anglo-American Poetry — 3 credits

A study of representative works by important Twentieth-Century British and American Poets and of philosophical and aesthetic concerns these works reveal. Prerequisite: Three units lower division literature or consent of Department Chairman. Either semester.

488G Methods and Theories of Literary Criticism — 3 credits

Prerequisite: E-393 and Junior standing or consent of Department Chairman. A detailed study and application of major critical methods and theories. Spring semester.

498 Senior Seminar — 2 credits

Required of all senior English majors. Prerequisite: Senior standing in English or consent of Department Chairman. Spring semester.

HU HUMANITIES

207, 208 Introduction to Humanities — 3 credits

Definitions and redefinitions of culture: man's pursuit of meaning in literature, art, music, and drama. The origins, limits, and uses of the creative arts. The exploration of self, society, and the world through illusion. The humanities and the scientific imagination. "High" culture and "mass" culture. Prerequisite: English 102 or consent of Department Chairman. Each semester.

LI LINGUISTICS

305 Introduction to Language Studies — 3 credits

A general survey of contemporary language study as it is carried on in the fields of linguistics, anthropology, semantics, psychology, and communication theory. Prerequisite: English 102 or consent of Department Chairman. Fall semester.

307 Applied English Linguistics — 3 credits

Application of linguistic theory and concepts to the teaching of English grammar and composition. Analysis of specific problems of structure encountered in instruction. Examination of texts and materials, reports on pertinent articles in professional journals, and demonstrations. For teachers or prospective teachers of secondary schools. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

309 History of the English Language — 3 credits

A study of the periods in the development of English; Indo-European and Germanic backgrounds; development of writing; internal and social forces of change; dialects of English. Concentrated work with written documents in English language history. Prerequisite: LI-305 or consent of Department Chairman. Spring semester.

DEPARTMENT OF FOREIGN LANGUAGES

Dr. George A. Jocums, *Chairman*

Associate Professors: Jocums, Valverde

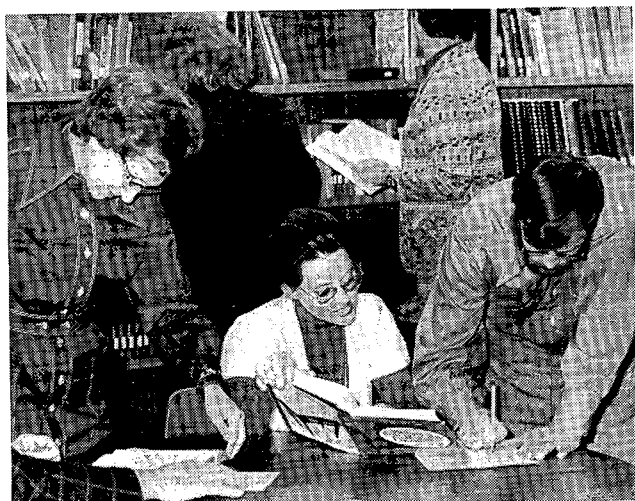
Instructor: Herbert

Special Lecturer: Torbet

Emeriti: Power, deNeufville

REQUIREMENT FOR A FOREIGN LANGUAGE TEACHING MINOR

In order to be recommended by the Department of Foreign Language to teach a foreign language, the student must have completed the following: 6 hours of upper division composition and conversation in the foreign language; 6 hours of upper division literature or culture and civilization in the same language; 3 hours of methods of teaching foreign languages.



Course Descriptions

FL FOREIGN LANGUAGE

110 Applied Phonology: French, German, Italian — 3 credits

Phonetic description and phonemic analysis of French, German, and Italian languages, especially designed for students in vocal music and related areas. This course may be taken concurrently with any foreign language offered. Fall semester.

310 Methods of Teaching Foreign Languages — 3 credits

A lecture-discussion course intended for prospective and in-service language teachers. Various aspects of language teaching are considered, including class-room techniques, problems, audio-visual materials, and testing. Outside reading and a notebook required. Prerequisite: a minimum of two years of the same foreign language, or in-service teaching. Spring semester.

F FRENCH

Lower Division

101-102 Elementary French — 4 credits

This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing French. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school French or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to French Conversation and Composition — 2 credits

A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college French are not eligible.

201-202 Intermediate French — 4 credits

A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in French. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of French Literature — 3 credits

An introduction to the major writers and trends of the French literary tradition. Selections and complete works of poetry, fiction, theatre, and essay are studied. In the first semester, the Middle Ages through the 18th century are covered; in the second semester, the 19th and 20th centuries. Classes are conducted mostly in French. Prerequisite: F 201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Offered alternate academic years.

303-304 French Composition and Conversation — 3 credits

Intended to further stimulate clarity, simplicity, and precision in oral and written French; and to lay the foundations for literary studies. Class conducted entirely in French. Prerequisite: F-201-202 or demonstrated proficiency. Each semester.

305 French Culture and Civilization — 3 credits

Coverage of French civilization from pre-historic beginnings to the French Revolution. Special attention to contributions to the development of western civilization. Following topics are treated: Geography, history, French literature, Paris, art, sciences, French educational system, French life. All lectures and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent as determined by placement test. Fall semester. Offered in alternate academic years.

306 French Culture and Civilization — 3 credits

Coverage of French civilization from the Napoleonic era to the present. Special attention to contributions to the development of western civilization. Following topics are treated: Geography, history, French literature, Paris, art, sciences, French educational system, French life. All lectures and discussions are conducted in French. Some outside reading in English. Prerequisite: 2 years of college French or equivalent as determined by placement test. Spring semester. Offered in alternate academic years. Offered in 1974-75.

G GERMAN

Lower Division

101-102 Elementary German — 4 credits

This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing German. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school German, or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to German Conversation and Composition—2 credits

A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college German are not eligible.

201-202 Intermediate German — 4 credits

A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in German. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of German Literature — 3 credits

An introduction to the major writers and trends of the German literary tradition. Selections and complete works of poetry, fiction, theatre, and essay are studied. In the first semester, the Middle Ages through the 18th century are covered, in the second semester, the 19th and 20th centuries. Classes conducted mostly in German. Prerequisite: G 201-202 or demonstrated proficiency. Meets the literature requirement for the baccalaureate degrees. Offered in alternate academic years.

303-304 German Conversation and Composition — 3 credits

Intended to further stimulate clarity, simplicity, and precision in oral and written German; and to lay the foundations for literary studies and/or foreign travel. Class conducted entirely in German. Prerequisite: G-201-202 or demonstrated proficiency. Each semester.

305 German Culture and Civilization — 3 credits

Coverage of German civilization from pre-historic times through the 18th century. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Some outside readings in English. Prerequisite: 2 years of college German or equivalent as determined by placement test. Fall semester. Offered in alternate academic years.

306 German Culture and Civilization — 3 credits

Coverage of German civilization from 1800 to the present. Special attention paid to contributions of Germany, Austria and Switzerland to western civilization. Classes conducted in German. Some outside readings in English. Prerequisite: 2 years of college German or equivalent as determined by placement test. Spring semester. Offered in alternate academic years.

S SPANISH

Lower Division

101-102 Elementary Spanish—4 credits

This course is designed to develop the beginning student's abilities in understanding, speaking, reading, and writing Spanish. Required laboratory practice (1 hour/week) develops pronunciation and listening skills. Classes meet 4 times a week. Students may not enroll in 101 for credit if they have had more than one year of high school Spanish or equivalent. With permission of the instructors, it is possible for a student enrolled in 102 and who lacks adequate preparation to drop back to 101. Each semester.

103 Approaches to Spanish Conversation and Composition—2 credits

A basic course in elementary conversation and composition designed to build written and spoken fluency for beginners. Grades will be based on oral work and written compositions rather than on examinations. Some work in the language laboratory is required. Prerequisite: 102 or concurrent registration. Students with more than one year of college Spanish are not eligible.

201-202 Intermediate Spanish — 4 credits

A continuation of the 101-102 sequence, designed to further develop language skills, both written and oral. Classes are conducted in Spanish. Some outside reading may be required. One hour per week of laboratory practice is required. Class meets four times a week. Prerequisite: 102 or equivalent. Each semester.

Upper Division

301-302 Survey of Spanish Literature — 3 credits

A historical survey of the Spanish literature from the early Middle Ages to modern times. Reading and interpretation of major literary as well as socio-cultural trends, with assigned oral and written reports; development of powers of interpretation, critical insight. Lectures and class participation are in Spanish. Prerequisite: Intermediate Spanish S-201 and S-202. Meets the literature requirement for baccalaureate degrees. Offered in alternate academic years.

303-304 Spanish Conversation and Composition — 3 credits

Intended to further stimulate clarity, simplicity, and precision in oral and written Spanish; and to lay the foundation for literary studies and/or foreign travel. Class conducted entirely in Spanish. Prerequisite: S 201-202 or demonstrated proficiency. Each semester.

305 Spanish Culture and Civilization — 3 credits

Coverage of Spanish civilization from earliest Iberian beginnings to contemporary Spain. Discussion of Spain's history and its influence on present nation and people. Special attention to Spain's contributions to Western Civilization. All lectures and discussions conducted in Spanish; some readings in English. Outside

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Department of Geology

readings and papers required. Prerequisite: 2 years of college Spanish or equivalent as determined by placement exam. Fall semester. Offered in alternate academic years.

306 Spanish-American Culture and Civilization — 3 credits

Coverage of Spanish-American civilization. Lecture, discussion and laboratory course dealing with cultural, social, economic and political developments in the Hispano-American nations. The course gives the student an understanding of hispanic cultural systems and affords insight into the perplexities and challenges facing hispanic peoples today. Class conducted in Spanish. Prerequisite: 2 years college Spanish or equivalent as determined by placement exam. Spring semester. Offered in alternate academic years.

DEPARTMENT OF GEOLOGY

Dr. Kenneth Hollenbaugh, *Chairman*

Professors: Hollenbaugh, Warner

Associate Professors: Nichols, Spinosa, Wilson (M)

Associate Professor: Applegate

The Department of Geology provides two degree programs in geology and non-degree course offerings in geography. The curriculum leading to the Bachelor of Science degree in Geology is designed for those students who plan a career in applied geology or who plan to attend graduate school. The more generalized curriculum leading to the Bachelor of Science degree in Earth Science Education is designed to prepare the student to teach earth science in secondary school and to meet the teacher certification requirements of the state of Idaho.

In addition to the courses formally offered in both curricula, a student may receive credit for courses given under the heading of Special Topics or for Independent Study as explained on page 36. Any one of the following Special Topics may be offered either semester in response to sufficient student demand: biostratigraphy, geochemistry, glacial and Pleistocene geology, mining geology, petroleum geology, regional geology, and regional field study and report writing.

It is strongly recommended that high school students who plan to enter the geology or earth science curriculum include chemistry, physics, and as much mathematics as is available to them in their high school program.



REQUIREMENTS FOR GEOLOGY MAJOR

Bachelor of Science

I. Geology Major:

1. General College and Baccalaureate Degree Requirements. See pages 30-33 for Graduation Requirements.

2. Major Requirements

	CREDITS
A. Geology	45
Physical Geology	4
Historical Geology	4
Mineralogy	4
Petrology	4
Sedimentology	4
Stratigraphy	4
Structural Geology	4
Invertebrate Paleontology I, II	6
Field Geology	4
Geology Seminar	1
Geology electives to total 45 credits	
B. Introduction to Chemistry	8
C. General Physics	8
D. Mathematics through M-112	10
E. Technical Drawing unless waiver is obtained from department chairman	2
F. Recommended electives	15
Life Science	
Foreign Language	Business
Mathematics	Economics

GEOLOGY MAJOR

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Physical Geology	4	—
Historical Geology	—	4
Mathematics	5	5
Chemistry	4	4
	16	16
SOPHOMORE YEAR:		
Mineralogy	4	—
Petrology	—	4
General Physics	4	4
Degree Requirements	3	3
Electives	4	4
	15	15
JUNIOR YEAR:		
Sedimentology	4	—
Stratigraphy	—	4
Structural Geology	4	—
Paleontology	3	3
Degree Requirements	3	6
Electives	3	4
	17	17
SENIOR YEAR:		
Field Geology	—	4
Seminar	1	—
Degree Requirements	3	3
Upper Division Electives	6	3
Upper Division Electives in Geology	6	6
	16	16

II. Earth Science Education Major:

1. General College and Baccalaureate Degree Requirements. See pages 30-33 for Graduation Requirements.

2. Major Requirements

	CREDITS
A. Geology	30
Physical Geology	4
Historical Geology	4
Introduction to Ocean Geology	3
Meteorology	3
Geology Seminar	1
Geomorphology	3
Geology Electives to total 30 credits	
B. Introduction to Chemistry	8
C. General Physics or General Biology	8
D. Mathematics through M 112	10
E. Astronomy	4
F. Recommended Electives	6-8
Geography	
Foreign Language	
Mathematics	
Communications	
Life Science	

3. Education Requirements

The following are required for Secondary

Teaching Certification in Idaho:	
Foundations of Education	3
Educational Psychology	3
Secondary School Methods	3
Secondary Student Teaching	6
Education Electives	5

Course Offerings

GO GEOLOGY

Lower Division

100 Fundamentals of Geology — 4 credits

An introduction to the principles of physical and historical geology. Topics include: weathering, erosion, glaciation, volcanism earthquakes, the study of rocks, minerals, maps, the origin of the earth and its physical and biological development. Open to all students except those with previous credit in geology, geology or earth science majors, and those nonscience majors who plan a 8-hour sequence in geology. Three lectures and 1 three-hour lab per week. Each semester.

101 Physical Geology — 4 credits

A study of the origin and development of the earth's materials, land forms, internal structures, and the physical processes acting on and in the earth that produce continuous change. Topics include weathering, erosion, glaciation, volcanism, metamorphism and igneous activity, mountain building, earthquakes, and the origin of continents, ocean basins, and landscapes. The laboratory provides instruction and practice in the identification of rocks and minerals, and the use of topographic and geologic maps. Three lectures and one three-hour laboratory per week. Field trips required. Each semester.

103 Historical Geology — 4 credits

A study of the origin and progressive development of the earth and evolution of plants and animals. The geologic history of the earth is treated in considerable detail. Prehistoric life and fossil study as well as field trips to fossil beds are included in the laboratory work. Three lectures and one three-hour laboratory per week. Prerequisite: Physical Geology. Each semester.

105 Rocks and Minerals — 3 credits

A systematic study of rocks and minerals, with emphasis on physical characteristics and methods of identification. Field trips and laboratory session are a part of the course for those taking the class for credit. Prerequisite: High school chemistry or permission of the instructor. Either semester.

EARTH SCIENCE EDUCATION MAJOR

(Suggested Program)

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Physical Geology	4	—
Historical Geology	—	4
Mathematics	5	5
Chemistry	4	4
	16	16
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Foundations of Education	—	3
Geography	3	—
General Physics or General Biology	4	4
Ocean Geology	—	3
Meteorology	3	—
General Psychology	—	3
Degree Requirements	6	—
Astronomy	—	4
	16	17

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Upper Division Geology	4	4
Degree Requirements	3	6
Upper Division Electives	7	6
Geomorphology	3	—
	17	16
SENIOR YEAR:	1ST SEM.	2ND SEM.
Educational Psychology	—	3
Upper Division Geology	6	—
Seminar	1	—
Secondary School Methods	—	3
Student Teaching	—	6
Education Electives	3	—
Upper Division Electives	6	—
Audio Visual Aids	—	2
	16	14

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Department of Geology

111 Geology of Idaho and the Pacific Northwest — 3 credits

A study of the geologic setting and history of Idaho and its immediate surroundings. Includes major topographic and scenic features, structural and stratigraphic features, mineral deposits, fossil and gem areas, and current problems in natural resource products. One three-hour lecture per week and two field trips. Prerequisite: Physical and Historical Geology or consent of instructor. Spring semester, alternate years. Offered 1974, not offered 1975.

201 Introduction to Ocean Geology — 3 credits

A general study of the physiography, the structures, and the sediments of the ocean floors and the geologic processes and environments represented thereby. Methods and instruments of ocean floor investigation are also studied. Two one-hour lectures per week. Prerequisite: Historical Geology. Spring semester.

213 Introduction to Meteorology — 3 credits

An introduction to the study of weather phenomena in terms of origin, distribution, and classification. Instruments and research methods are also investigated. Prerequisite: Physical Geology. Three one-hour lectures. Fall semester.

221 Mineralogy — 4 credits

A study of genesis, distribution and classification of minerals. This includes some crystallographic, optical, and chemical methods. Laboratory work consists of mineral analysis and observation by the use of microscopes, chemicals, and models. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Historical Geology and College Chemistry or concurrent registration in College Chemistry. Fall semester.

222 Petrology — 4 credits

Study of igneous, sedimentary, and metamorphic rocks with emphasis on physical and chemical conditions controlling the origin, occurrence, and association of the various rock types. Field relationships, identification of rocks in hand specimen, and an introduction to microscopic analysis. Three one-hour lectures and one three-hour lab per week as well as two all-day Saturday field trips. Prerequisite: Mineralogy. Spring semester.

250 Principles of Paleontology — 3 credits

A course designed for non-geology majors, especially those planning to teach in the biological sciences. The course provides an overview of the various fields of paleontology. Evolution, taxonomy, and descriptions of important fossil groups will be stressed. Laboratory periods will be used to study small collections of the more important phyla and to introduce the student to simple museum techniques of fossil preparation and display. A term paper or project is required. Two one-hour lectures and one three-hour laboratory per week. Prerequisites: Any introductory course in geology, biology, zoology, or botany or consent of the instructor. Either semester.

Upper Division

311 Sedimentology — 4 credits

A study of the classification of sedimentary rocks and all processes involved in their genesis. Major headings are weathering, erosion, transportation, deposition and diagenesis. Geologic environments of each process and each rock type are studied. Laboratory work consists of microscopic, chemical and other analyses of sedimentary rocks and of a study of the methods and instruments used in statistical treatment of sediments for mapping and research purposes. Three one-hour lectures and one three-hour laboratory per week. Prerequisite: Mineralogy. Fall semester.

312 Stratigraphy — 3 credits

The study of sedimentary strata with chronology as its special aim. Emphasis is placed on genetic environments, natural sequences of formations and facies, and correlation techniques. The classification and dating of sedimentary units is the end result. Three one-hour lectures, field trip and special projects and a report required. Prerequisite: Sedimentology. Spring semester.

313 Geomorphology — 3 credits

A study of the external physiographic features of the earth's surface such as mountains, valleys, beaches, and rivers and the processes by which they are formed and changed. Laboratory work consists of map studies and field investigations. Two lectures and one three-hour laboratory per week. Prerequisite: Historical Geology. Fall semester.

314 Structural Geology — 4 credits

A study of the physical nature of rocks, the origin, description, classification, and interpretation of deformational structures of the earth's crust, and the principal theories of deformation and orogeny. Lab problems in recognition and analysis of geologic structures, the geometry of faults and folds, construction of maps and cross sections, and the use of aerial photos. Field trip. Three lectures and one three-hour lab per week. Prerequisite: Historical Geology and College Algebra and Trig. Fall semester.

321 Optical Mineralogy — 4 credits

The theory and application of the polarizing microscope to the examination of minerals. An introduction to the general theory of crystal optics and the application of the polarizing microscope to qualitative and quantitative mineral examination. Laboratory experience in the preparation of materials for optical study and diagnostic techniques for mineral identification. A systematic survey of the optical properties of minerals. Prerequisite: GO 222. Fall semester.

322 Petrography — 4 credits

An introduction to the study of rocks in thin section by means of the polarizing microscope. The interpretation of the origin and history of igneous, metamorphic, and sedimentary rocks based primarily on features observed in this section. A systematic survey of the major rock types with emphasis on textures, mineralogy and classification. Prerequisite: GO-321. Spring semester.

351 Invertebrate Paleontology — 4 credits

The study of the invertebrate phyla represented in the fossil record. Special emphasis is placed on hard-part morphology, ontogeny, phylogeny and taxonomy of the geologically more important groups. Laboratory work based on standard collections made by the students during field trips. Three hours of lectures, four hours of labs. Prerequisite: Historical Geology or Advanced General Biology. Fall semester.

403 Engineering Geology — 3 credits

Application of geology to engineering projects. Aspects of geology include selected principles from structural geology, petrology, geomorphology, photogeology, geohydrology and soil mechanics. These principles are applied to construction and maintenance of transportation routes, dams, canals, bridges, building foundations and tunnels. Case histories of major projects are studied. Two lectures and one three-hour laboratory per week. Field trip required. Prerequisite: Structural geology and stratigraphy or permission of instructor. Spring semester.

412 Groundwater Geology — 3 credits

A study of the origin of water found beneath the earth's surface and the geologic conditions which permit the movement, work, and accumulation of water in subsurface materials. Emphasis is placed on structural, sedimentational, and stratigraphic conditions most conducive to the formation of ground water reservoirs. Three one-hour lectures per week. Prerequisite: Structural Geology and Stratigraphy. Fall semester.

421 Ore Deposits — 3 credits

The genesis, structure, mineral associations and classification of economic deposits of minerals. Discussion of modern theories of ore deposition, origin and migration of ore-bearing fluids, and the processes of alteration, secondary enrichment, paragenesis, and zoning. Consideration is given to the controls on ore occurrence and to the economics of exploration, development, and use of ores. Three lectures per week. Field trip required. Prerequisites: Mineralogy and Structural Geology. Spring semester.

431 Petroleum Geology — 3 credits

A study of the nature and origin of petroleum, the geologic conditions that determine its migration, accumulation and distribution, and methods and techniques for prospecting and developing petroleum fields. Two one-hour lectures per week and one three-hour lab per week. Three field trips. Prerequisite: Structural Geology and Sedimentology. Alternate years, spring semester. Offered 1975.

441 Introduction to Geophysical Methods — 3 credits

The course will include material on surface and borehole-based geophysical methods. It will include a general survey of the elementary theory, basic field practice, computation fundamentals, interpretation techniques and economic considerations of seismic, gravimetric, magnetic, electrical and borehole techniques. The applicability of the various techniques to the solution of geologic problems in exploration geology (economic and petroleum), engineering geology, and ground water geology will be stressed. Prerequisite: one year of college physics. Spring semester.

471 Regional Field Study and Report Writing — 1 credit

This course constitutes library research and preparation of reports, geologic maps, road logs, and a field trip guide book pertaining to a variety of geologic topics relative to a specific region. That region, to be designated at the beginning of the semester, is then visited and studied during a field trip; the trip is ordinarily taken during the spring semester vacation period. Rocks, minerals, and fossils collected during the trip and photographs of specific merit are keyed to the guidebook, which is then compiled into final report form. One lecture per week; field trip required. Prerequisite: upper division standing or consent of the instructor. Spring semester.

480 Field Geology — 4 credits

Application of geologic principles and currently used field techniques to the solution of field problems. Work includes measurement and correlation of stratigraphic sections, plane table mapping, geologic mapping on aerial photographs and on topographic maps, and special field techniques for igneous, sedimentary and metamorphic terrains. Instruction will be by appropriate specialized geologists. A formal report of professional quality is required. One lecture and three, three-hour labs. Field work on most weekends is required. Prerequisites: Senior standing and permission of Geology Department Chairman. Spring semester.

498, 499 Geology Seminar — 1 credit

Research project based on field and/or literature studies. Fundamentals of geologic report preparation and oral presentations. Prerequisite: Geology major or Earth Science Education major. Each semester.

GG GEOGRAPHY

Lower Division

101 Introduction to Geography — 3 credits

A comprehensive survey of various environments of man in a study of world patterns and major regions with emphasis on the utilization of globes, interpretation and construction of maps. The course introduces basic concepts and techniques used in geography, utilization of natural resources, distribution of population and outstanding problems of each region. Each semester.

DEPARTMENT OF HISTORY

Dr. Warren Vinz, *Chairman*

Professors: Caylor, Lovin, Ourada, Vinz

Associate Professors: Barrett, Bryant, Seward, Sims, Sylvester

Assistant Professors: Fletcher, Tozer

Instructor: Zirinsky

REQUIREMENTS FOR HISTORY MAJOR

Bachelor of Arts Program

I. Liberal Arts Option

1. General College requirements to include:

	CREDITS
Federal Government	3
Foreign Language or equivalent (a minimum of) ..	8
2. History requirements:	
A. Lower Division Courses	15
History of Western Civilization	9
United States History	6
B. Upper Division Courses (a minimum of)	
to include:	25
History Seminar	2
Study and Methods of History	2
3. Electives	28-36

II. Secondary Education Option

1. General College requirements to include:

Federal Government	3
2. History requirements:	
A. Lower division courses	15
History of Western Civilization	9
U.S. History	6
B. Upper Division Courses (a minimum of)	
to include:	25
American History Elective	3
Study and Methods of History	2
3. Educational requirements for State Certification	
for Secondary Education	20
4. Electives	18

III. History - Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

SCHOOL OF ARTS & SCIENCE
Department of History



32 Hour Program

A. History Courses

1. HY 151, 152 U.S. History or their HY 297 equivalent 6 hours
2. HY 102, 103, History of Western Civilization or their HY 297 equivalent 6 hours
3. HY 300 Study and methods of History 2 hours
4. Additional History 18 hours
 - a. A minimum of 12 upper division credits of U.S. history, 6 of which must be selected from list (a) below, 3 from list (b) below and 3 from lists (a), (b) or (c) below.
 - (a) Chronological histories . . . 6 hours
 - HY 351 Colonial America
 - HY 352 The Federal Period
 - HY 353 The National Era
 - HY 354 Civil War & Reconstruction
 - *HY 358 Emergence of Modern America
 - *HY 359 Recent United States
 - (b) Topical histories 3 hours
 - HY 365 U.S. Constitutional
 - HY 362 U.S. Diplomatic
 - HY 497 U.S. Economic
 - HY 364 U.S. Social & Cultural
 - (c) Any of the above upper division history course or . . 3 hours
 - HY 355 Western America
 - HY 356 The Indian in U.S. History
 - HY 367 Colonial Spanish America
 - HY 368 Spanish American Nations
 - b. Additional history elective . . . 6 hours
(3 hours must be upper division)

32 hours

Strongly recommended.

With prior approval of the department, a student may substitute European or world history courses for the requirements listed above for the History-Social Science Major.

- B. At least 15 credits, of which 9 must be upper division, in curricula offered by any two of the following academic disciplines.

Economics
Political Science
Anthropology
Sociology

C. Secondary Education Requirements

..... 20 hours

15 Hour History Option

Similar 30-15-15 academic majors are available in the various social science disciplines in which their courses would constitute the 30-credit core of the major and history would serve as one of the associated 15-credit blocks. For such a major the Department of History requires that at least 9 of the 15 history credits be upper division, and that courses be selected from the recommended lists.

A. For an Economics 30-credit core:

1. HY 151, 152 United States History or their HY 297 equivalent 6 hours
2. Any three of the following courses 9 hours
 - HY 358 Emergence of Modern America
 - HY 359 Recent U.S.
 - HY 364 U.S. Social & Cultural
 - HY 365 U.S. Constitutional
 - HY 497 U.S. Economic History or equivalent

B. For a Political Science 30-credit core:

1. HY 151, 152 United States History or their HY 297 equivalent 6 hours
2. Any three of the following courses 9 hours
 - HY 352 The Federal Period
 - HY 358 Emergence of Modern America
 - HY 359 Recent U.S.
 - HY 365 U.S. Constitutional
 - HY 362 U.S. Diplomatic
 - HY 315, 316 History of the Far East
 - HY 311, 312 History of England
 - HY 313, 314 History of Russia
 - HY 307 Germany and the Quest for Unity
 - HY 308 France and the Quest for Stability
 - HY 368 Spanish American Nations
 - HY 332 Islamic Empires

C. For a Societal and Urban Studies 30-credit core:

1. HY 151, 152 United States History or their HY 297 equivalent 6 hours
2. Any three of the following courses 9 hours
 - HY 358 Emergence of Modern America
 - HY 359 Recent U.S.
 - HY 364 U.S. Social and Cultural
 - HY 356 Indians in U.S. History
 - HY 365 U.S. Constitutional
 - HY 397 U.S. Economic History or equivalent

For any of the above, appropriate special topics or independent study could be considered as acceptable alternatives.

IV. History Minor Option

1. Completion of the following courses: 21
 - U. S. History 6
 - Federal Government 3
 - History of Western Civilization 6
 - History or Political Science Electives 3
 - Upper Division American History Elective . . 3

Course Offerings

HY HISTORY

Lower Division

101, 102, 103 History of Western Civilization — 3 credits

First semester: The development of European civilization from classical antecedents to the twelfth century, A.D.; Second semester: The development of the early modern European works from the twelfth century to 1815; Third semester: The development and expansion of western civilization worldwide since 1815. Each semester.

* 151, 152 United States History — 3 credits

First semester: The history of American civilization from Pre-Columbian days to 1877 with emphasis given to the development of the union and expansion. Second semester: A survey of the significant factors influencing American development from the Civil War to the present, including the growth of American business, and the emergence of the nation to a world power. Each semester.

201 Problems in Western Civilization —3 credits

Selected problems in Western Civilization from the Ancient Near East, Greco-Roman, and early Middle Ages with emphasis on the influence of Hebrew monotheism, Athenian democracy, the Roman constitution, and Medieval society and Western thought. Not open to students who have credit in HY 101. Prerequisite: Course in high school or consent of instructor. Either semester.

202 Problems in Western Civilization —3 credits

Selected problems in Western Civilization from the High Middle Ages to 1815 with emphasis on the problems of nation making and religious and political revolutions in Western society. Not open to students who have credit in HY 102. Prerequisite: Course in high school or consent of instructor. Either semester.

203 Problems in Western Civilization —3 credits

Selected problems in Western Civilization from 1815 to the present with emphasis on the problems of nationalism, imperialism, socialism, communism, the world wars, and the post war world. Not open to students who have credit in HY 103. Prerequisite: Course in high school or consent of instructor. Either semester.

251 Problems in U.S. History —3 credits

Selected problems in U.S. History from the colonial era through independence, nationalism, Jacksonianism, Civil War, and Reconstruction. Not open to students who have credit in HY 151. Prerequisite: Course in U.S. History in high school or consent of instructor. Fall semester.

252 Problems in U.S. History —3 credits

Selected problems in U.S. History from the rise of industry and labor through populism, imperialism, progressivism, world war, depression, and world leadership. Not open to students who have credit in HY 152. Prerequisite: Course in high school or consent of the instructor. Spring semester.

298 American Heritage — 2 credits

An introductory course to an Eastern seaboard trip; provides a survey of the early and contemporary contributions to our American heritage. Historical and governmental sites to be visited include Williamsburg, Washington, D.C., and New York City. The credit allowance in this course is subject to the student's participating in the tour and doing the required work. The course is open on an audit basis for other interested students. Spring semester or Summer.

Upper Division

300 The Study and Methods of History — 2 credits

The methods of historical research — selection and evaluation of source materials, interpretation, synthesis — and the preparation of scholarly written papers. Required for all history majors by the completion of the junior year. Open to selected students in other majors with permission of the instructor. Either semester.

303 The Age of Absolutism and Reason —3 credits

A study of European thought in the seventeenth and eighteenth centuries: The Age of Absolutism, ideas of the *philosophes*, and the crisis of the old regime leading to revolution. Prerequisite: HY 102. Suggested additional preparation, HY 101. Either semester, alternate years. Not offered in 1974-75.

307 Germany and the Quest for Unity, 1848-1970 —3 credits

The struggle for German unity in modern times, and the relation of this issue to the origins of the two World Wars. The problem will be traced through the "opening to the east" inspired by Willy Brandt. HY 103 recommended. Spring semester, alternate years. Not offered in 1974-75.

308 France and the Quest for Stability, 1814-1968: —3 credits

The failure of Frenchmen in the 19th and 20th centuries to achieve political and social equilibrium. The problem will be traced through the establishment of the Fifth Republic by Charles deGaulle. HY 103 recommended. Fall semester, alternate years. Not offered in 1974-75.

309 The Renaissance—3 credits

A study of European society, economic development, artistic expression and humanism, and political concepts, with attention to both the Renaissance in Italy and in the North. Prerequisite: HY 102 or consent of instructor. Spring semester, alternate years.

310 The Reformation—3 credits

Survey of Church-State relationships to include the Babylonian Captivity, the Great Schism, the impact of the national state, and the theological and political philosophies of reformers from Wycliffe to the Council of Trent. Consideration will be given to the world wide impact of Protestantism, the Catholic Reformation, and dissident minority sects. Prerequisite: HY-102 or consent of instructor. Spring semester, alternate years. Not offered in 1974-75.

311, 312 History of England—3 credits

First semester: Survey of the major cultural, political, economic and religious developments in England from the beginning to 1603. Second semester: Great Britain from the seventeenth century to the present. Each semester, alternate years. Not offered in 1974-75.

313, 314 History of Russia—3 credits

First semester: Survey of the origins and development of the Kievan and Muscovite states to the eighteenth century. Second semester: A study of the major cultural and economic institutions as well as the growth of political power by the state from the eighteenth century to the present. HY-102, HY-103, HY-313 recommended. Either semester, alternate years.

315, 316 History of the Far East—3 credits

A survey of the major powers of the Orient — their internal political and cultural development. Either semester, alternate years. Not offered in 1974-75.

319 Ancient Greece—3 credits

A study of the political, social, and cultural development from the Cretan civilization through the Hellenistic period, with stress on those tendencies and achievements which have influenced later developments in Western Civilization. Prerequisite: HY-101 or consent of instructor. Fall semester, alternate years.

320 Ancient Rome—3 credits

Political, social and cultural history from the Etruscans to the 5th century A.D., with stress on those tendencies and achievements which have influenced later developments in Western Civilization. Prerequisite: HY-101, or consent of instructor. Spring semester, alternate years.

SCHOOL OF ARTS & SCIENCE

Department of History

321 Medieval History—3 credits

The political, economic and cultural development of Medieval Europe from the fifth to the fourteenth century. Prerequisite: HY-102 or consent of instructor. Suggested additional preparation, HY-101. Fall semester.

331 Islamic Civilization — 3 credits

A history of the people, institutions and cultural of the Near and Middle East from Muhammed to the decline of the Ottoman and Sefavid empires in the eighteenth century. Prerequisite: Upper Division standing. Fall semester, alternate years.

332 Islamic Empires — 3 credits

A history of the Near and Middle East during the Nineteenth and Twentieth Centuries; the decline of the Ottoman Empire, the breakdown of cosmopolitan Islam and the rise of Turkish, Iranian, Arab and Israeli nationalism. Prerequisite: HY 10c recommended. Spring semester, alternate years.

334g United States Social and Cultural History — 3 credits

Selected social and cultural themes from colonial times to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in their historical context. HY 151, 152 recommended. Either semester, alternate years. Not offered in 1974-75.

335 Diplomatic History of the United States — 3 credits

Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments upon the formulation of foreign policies. HY 151, 152 recommended. Either semester, alternate years.

336 United States Constitutional History — 3 credits

A study of origins, writing and development of the American Constitution, from colonial charters, through the Constitutional Convention, John Marshall, Civil War, Age of Industrial Development, Progressivism, World Wars, Cold War, and the Warren Court. Considerable emphasis is placed on the role of the Supreme Court. Prerequisite: HY 151, 152 or consent of instructor and upper division standing. Fall semester, alternate years. Not offered in 1974-75.

338 History of Ireland — 3 credits

The development of the concept of an Irish nationality, the effects of the long colonial relationship between Ireland and Great Britain, the struggle for Irish independence, the contemporary Ulster issue. Offered alternate years, either semester.

351 Colonial America—3 credits

Colonial rivalry in North America; an investigation of the political organizations, social institutions, economic development, and the war for American independence. Prerequisite: HY-151 or consent of instructor. Fall semester.

352 The Federal Period, 1783-1815—3 credits

The United States from the end of the Revolution through the War of 1812. Emphasis on the government under the Articles of Confederation; drafting and implementing the Constitution; the rise of political parties; and the War of 1812. HY-151 recommended. Fall semester.

353 The National Era, 1815-1848—3 credits

The development of American nationalism; the Era of Good Feelings; the emergence of Jacksonian Democracy; Manifest Destiny; the beginnings of sectional rivalry; and the Mexican War. Prerequisite: HY 151 or consent of instructor. Spring semester.

354 Civil War and Reconstruction — 3 credits

A study of the origins of the conflict between the states, the encounter and the problems of reunification. Prerequisite: HY-151 or consent of instructor. Fall semester.

355 Western America—3 credits

The frontier as a region in transit from the Atlantic seaboard to the Pacific. Emphasis will be given to the migration

of people in the Trans-Mississippi West. HY-151 recommended. Either semester. r.

356 The Indian in American History—3 credits

Examination of the Indian's role in America's development and the impact of white society on Indian culture. The course investigates early Indian-white contacts, the development of European rivalries in North America and the Indian's part in these rivalries, and the origins of United States Indian policy. The reservation system, land policy, termination, and the current Indian dilemma are studied. Opportunity is provided for the pursuit of in-depth individual study. Prerequisite: Upper Division standing or completion of HY-151-52. Either semester.

357 Idaho and the Pacific Northwest—3 credits

Political, economic and social development of the Pacific Northwest with emphasis upon the people, customs, and institutions of Idaho. HY-151 recommended. Either semester.

358 Emergence of Modern America, 1877-1917 —3 credits

The industrial growth of the United States; emergence as a world power; Roosevelt, Wilson, and the Progressive Era. Prerequisite: HY-152 or consent of instructor.

359 Recent United States, 1917 to Present—3 credits

Versailles and post-war disillusionment; boom and bust of the 20's; the Great Depression and FDR's New Deal; reappearance on the world scene; World War II and its aftermath. HY-152 recommended. Spring semester.

367 Colonial Spanish America — 3 credits

The development of distinctive Spanish American societies through the merging of medieval Spanish with Amerind and African cultures in South and Middle America, all within the framework of European political rivalries. The course concludes with the independence wars of the early nineteenth century. Prerequisite HY-102. Fall semester.

368 Spanish American Nations — 3 credits

The struggle towards democracy, economic progress, and political stability of Spanish American nations since their achievement of independence. Emphasis is on the Andean, Middle American and Caribbean areas, including their relations with the United States. Prerequisite HY-367. Spring semester.

417 United States Economic History —3 credits

Major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: Principles of Economics, EC 201 and EC 202, or permission of instructor. May be taken for History or Economics credit, but not for both. Either semester.

420 The Liberal Revolutions, 1776-1832 — 3 credits

The restructuring of western European societies towards political democracy and freedom of economic opportunity, particularly as accelerated by the French Revolution and Napoleon. Prerequisite: HY 102. Recommended additional preparation: HY 303. Spring semester, alternate years. Not offered in 1974-75.

422 History of Socialism — 3 credits

The course will examine the history of egalitarian revolutionary ideas and movements of the nineteenth and twentieth centuries. Emphasis will be given to the development of the ideas of Karl Marx, his predecessors and successors. Fall semester, alternate years. Not offered in 1974-75.

425 Twentieth Century Revolutions — 3 credits

Reading and discussion of materials related to the origin and development of selected socio-cultural, intellectual, political and economic movements in the twentieth century, particularly as they relate to alternative and counter-culture proposals and liberation issues. Spring semester, alternate years. Not offered in 1974-75.

498 History Seminar — 2 credits

Study of a selected problem in history. Paper based on research into problem to be prepared and reported to the seminar. Required for History Major, Liberal Arts option; recommended for History Major, Secondary Education option. Prerequisite: Senior standing. Either semester.



DEPARTMENT OF HOME ECONOMICS

Assistant Professor: Moore

Special Lecturers: Adams, Bowler, Farnsworth, Garland, Ruby,
Tarrienoto

The objective of the department of home economics is to provide training of high quality for each of the student categories listed below.

- A. Students who expect to obtain a baccalaureate degree with a major in home economics but who will be required to transfer to another school to complete their upper division training.
- B. Students from other disciplines who choose to minor in home economics. Twenty-six hours of credit in home economics may be earned and applied to one's minor.
- C. Students from other disciplines who will benefit from courses in home economics, such as students in Fashion Merchandising, Nursing and Interior Decorating.
- D. Students who appreciate the wide offering of subject matter in home economics and can enjoy the opportunities for creative activity provided in selecting electives from this field.
- E. Students who are interested in preparation for homemaking as a career.
- F. Students who are not primarily interested in credit but in the development of skills, such as those enrolled in our night program.

The curriculum outlined is designed for those students who are interested in a professional career in home economics education, food management in commercial and educational institutions, nursery school education, consumer services relating to housing and equipment, community service organizations, clothing and textiles, or the cooperative Extension Service. Prior to registering, a student should, if possible, determine the school in which she will enroll for her upper division training so that registration can be made with the requirements of the prospective school in mind. Students whose interest is the development of understanding and skills which will contribute to the well-being of the individual, family and community are not required to register for laboratory science.

HOME ECONOMICS CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
Laboratory Science	4	4
English Composition	3	3
Introduction to Home Economics	1	—
Clothing	3	—
Art	2	2
Textiles	—	3
Physical Education Activities	1	1
Clothing Selection	—	2
* Electives	2	1
	16	16
SOPHOMORE YEAR:		
House Planning	—	3
Introduction to Foods	—	3
Home Furnishings	3	—
Nutrition	3	—
Social Science (History, Political Science)	3	3
Microbiology	3	—
Physiology and Anatomy	—	5
Psychology	3	—
Introduction to Sociology	—	3
** Electives	1	—
	16	17

Course Offerings

HE HOME ECONOMICS

Lower Division

101 Introduction to Home Economics — 1 credit

Designed to acquaint the freshman student with the field of home economics. Emphasis on opportunities in the professional fields, organization of program, choice of vocation, personal qualifications for living and working with people. One hour discussion each week. Fall semester.

103 Clothing — 3 credits

Majors and non-majors. Designed for students interested in clothing construction and solution of individual fitting problems. Emphasis on current speed techniques. Basic, intermediate and advanced projects may be selected according to the student's creativity, ability and choice. Unusual media may be used such as leather. Total of five projects with approximate cost of \$45.00. One hour lecture and two 3-hour laboratory periods per week. Fall semester.

107 Clothing Selection — 2 credits

A study of the sociological and psychological foundations of clothing selection emphasizing principles of design as related to the individual's figure proportions, personality and need. Study of selection, purchase and care of ready-to-wear apparel, fabrics and accessories. Two lectures per week. Spring semester.

109 Textiles — 3 credits

Relationship of raw materials, construction, and finish to quality and cost. Study of natural and synthetic textile fibers, yarns and fabrics: selection of appropriate fabrics for various uses, considering wearing qualities and care required. Two hours lecture and one 2-hour laboratory each week. Open to men and women. Spring semester.

SCHOOL OF ARTS & SCIENCES
Department of Mathematics

111 Fashion Analysis and Design — 2 credits

Recognition of fashion trends, basic silhouettes, lines, styles and details of garment construction. Creative expression in fabric interpretation and adaptation of costumes and accessories from period research and other sources. Two lectures each week. Fall semester.

201 Introduction to Foods — 3 credits

Basic principles of food preparation: consideration of factors which will affect quality, nutritive value and acceptability of foods. Laboratory experience in approved techniques of food preparation to yield products of standard quality. Two hours lecture and two 3-hour laboratory periods per week. Spring semester. Open to men and women.

203 House Planning — 3 credits

Basic considerations in house planning: planning for economy, comfort and beauty in house construction. Evaluation of housing and floor plans in terms of family needs, interior and exterior design, materials, financing, methods of construction. Housing in relation to the family and community. Three lectures each week. Open to men and women. Spring semester.

207 Nutrition — 3 credits

Study of fundamentals of nutrition as a factor in maintaining good health. Present day problems in nutrition are also discussed. Three lectures each week. Open to all students. Fall semester.

Upper Division

303 Advanced Clothing, Tailoring — 3 credits

Basic principles used in garment construction applied through actual construction of a suit, coat or pants suit. At least one garment done using wool; other garment could be a choice between knit or woven fabric. Personal master pattern is developed for student for each garment. Common fitting problems are studied and solutions derived. Thorough study of interfacings and tailoring stitches discussed. Current sewing techniques emphasized for present day fabrics. Prerequisite: Clothing H.E. 103. Recommended: Textiles H.E. 109. Two 3-hour laboratories each week. Spring semester.

305 Home Furnishings and Interior Design — 3 credits

Color and design; selection and arrangement of furniture and furnishings, floor coverings, wall and window treatment, lighting, interior finishes, accessories, china, glass, and silver, flower arrangement. Three lectures each week. Open to men and women. Fall semester.



DEPARTMENT OF
MATHEMATICS

Dr. Giles W. Maloof: *Chairman*

Professors: Maloof, Takeda

Associate Professors: Ekblaw, Hughes, Juola, Kerr, Lamet, Mech, Sulanke, Tucker, Ward, Winans, Young (J)

Assistant Professors: Anderson, Ferguson, Furuyama, Smartt

Emeritus: Buck

The Department of Mathematics provides two degree programs. The curriculum leading to the bachelor's degree in mathematics is designed for those students whose career interests involve the use of mathematics or who plan to attend graduate school. The curriculum in secondary education is designed to prepare the student to teach mathematics in secondary school and to meet Idaho teacher certification requirements.

REQUIREMENTS FOR
MATHEMATICS MAJOR

Bachelor of Arts or Bachelor of Science Programs

I. Mathematics Degree:

1. College requirements for B.A. or B.S. degree, including electives.
2. Mathematics requirements

Lower Division

Calculus through M-206 or M-212
M-124 (Digital Computer Programming)
M-225 (Applied Fortran Programming) or M-226 (Assembler Language)

Upper division mathematics: 27 or more credits

One or more of:

M-301 Linear Algebra (4)
M-302 Intro. to Abstract Algebra (3)
M-306 Number Theory (3)

One or more of:

M-314 Foundations of Analysis (3)
M-406 Complex Variables (3)

One or more of:

M-361 Fundamentals of Statistics (4)
M-362 Probability Theory (4)
M-431-432 Probability and Statistics (6)

Three or more semester courses, including a sequence, at the 400 level (9-12)

M-406 or M-431-432 which may be used in specific area requirements are also allowed in satisfying the overall requirement of 27 upper division hours in mathematics.

The particular mathematics courses used to satisfy the degree requirement may be chosen from specific courses in such areas of mathematics as: computer programming, applied mathematics, statistics, and theoretical mathematics. A degree program emphasizing one or more of these areas can be developed by the student with the assistance of his academic advisor.

Secondary Education Degree Suggested Program

Students interested in engineering can form a program leading to a Bachelor's degree in mathematics. This program could include many of the upper division physics or engineering courses offered at B.S.C. and satisfy most of the mathematics requirements with application oriented mathematics courses.

A mathematics degree program can also be developed by those students interested in a computer-related career. This program would include many business courses, the courses needed for the mathematics major, and M-124, M-226 and M-451.

The equivalent of a Bachelor's degree in statistics can be obtained by the student who is interested in statistics or in mathematical applications to business, biology, or physical science. This can be done through the proper selection of electives including M-431 and M-432.

For students preparing for graduate work in a mathematical field, both M-401-402 and M-441-442 are recommended. Additional courses should be selected with his advisor. A reading knowledge of at least one of French, Russian or German is highly desirable.

II. Secondary Education Degree

1. College requirements for B.A. or B.S. degree, including electives.
2. Mathematics requirements
Calculus through M-206 or M-212
M-124 (Digital Computer Programming)

Upper division mathematics

- M-301 Linear Algebra (4)
- M-302 Intro. to Abstract Algebra (3)
- M-311 Foundations of Geometry (3)
- M-314 Foundations of Analysis (3) or M-406 Complex Variables (3)
- M-361 Fundamentals of Statistics (4) or M-362 Probability Theory (4) or M-431-432 Probability and Statistics (6)
- M-490 Mathematics in Secondary Schools (3)
- 3. Electives (Recommended: M-225, M-226, M-306, M-312)
- 4. Education Requirements (See Part V) 20 credits (M-490 counts as an education elective)
- 5. A 45 semester hour major or a 30 semester hour major with a 20 semester hour minor.

In order for students to complete the requirements for the Secondary Education degree, certain course scheduling and ordering are necessary. The following suggested program reflects these factors.

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
Calculus M-112, 205 or M-211, 212	5	4-5
Degree Electives	8	9-8
	16	16

SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Calculus M-206	0-4	—
Programming M-124	—	2
General Psychology	3	—
Foundations of Education	—	3
Linear Algebra M-301	—	4
Elective	9-13	7
	16	16

JUNIOR YEAR:	1ST SEM.	2ND SEM.
Foundations of Analysis M-314	3	—
Intro. to Abstract Algebra M-302	—	3
Fundamentals of Statistics M-361 or Probability Theory M-362	—	4
Educational or Adolescent Psychology	3	—
Elective	12	9
	18	16

SENIOR YEAR:	1ST SEM.	2ND SEM.
Secondary School Methods	3	—
Foundations of Geometry M-311	3	—
Mathematics in Secondary Schools M-490	3	—
Secondary Student Teaching	6	—
Education Elective	—	2
Electives	—	13
	15	15

Course Offerings

M MATHEMATICS

Lower Division

012 Arithmetic Review — 0 credits

Fundamental operations with real numbers, linear equations and stated problems. Review of elementary geometry and weights and measures including the metric system. For students with little or no algebra or geometry who want to review school mathematics. Each semester.

020 Algebra Review — 0 credits

A refresher course for students in education engineering, science, or business. Algebra is covered from first fundamental operations through the level required for M-103, 105, 111 or 115. Each semester.

100 A Cultural Approach to Mathematics — 4 credits

Designed for liberal arts students. The course provides an opportunity to acquire an appreciation of the nature of mathematics and its relations to other aspects of our culture. The humanistic aspect of mathematics is emphasized to help cultivate creativity and abstract thought processes that are rigorous but not rigid. Prerequisite: A year of high school mathematics, or consent of instructor. Each Semester.

SCHOOL OF ARTS & SCIENCES
Department of Mathematics

103-104 Modern Mathematics for Elementary Teachers
— 3 credits

Fundamental concepts of mathematics including the study of place value and bases, arithmetic operations, the postulates for the set of real numbers, and fundamental algebraic and geometric principles. Designed for elementary teachers. Prerequisite: One year of high school algebra and plane geometry or permission of the instructor. Placement will also be determined by a test given on the first meeting of M-103. Each semester.

105 Fundamental Concepts of Mathematics — 4 credits

Sets, logic, basic analysis, matrices, linear programming, the simplex method, elementary game theory. Designed primarily for non-science students. Prerequisite: M-020 or two years of high school algebra, or one year of high school algebra and a satisfactory placement score. Placement will be determined by a test given on the first meeting of M-105 and by the ACT mathematics subscore. Each semester.

106 Fundamental Concepts of Mathematics — 4 credits

Calculus; introduction to probability and statistics, introductory ideas from Operations Research. Designed primarily for non-science students. Prerequisite: M-105 or M-111. Each semester.

111 Algebra and Trigonometry — 5 credits

Selected topics in college algebra together with plane geometry and calculus. Prerequisite: the passing of a placement test in algebra or a grade of "satisfactory" in M-020. Each semester.

112 Calculus and Analytic Geometry — 5 credits

Analytic geometry of the straight line, functions, limits, continuity, derivations and algebraic functions with applications, definite and indefinite integrals with applications. Prerequisite: M-111 or the passing of a placement test in algebra and trigonometry. Each semester.

115-116 Mathematics for the Life Sciences—5 credits

Designed primarily for students in the life sciences. Functions and their graphs, curve fitting, systems of equations, trigonometry of triangles, discrete state probability, calculus, continuous state probability, and statistics. Prerequisite: Two years of high school math, or equivalent, and satisfactory placement score. Placement to be determined by a test given on the first meeting of M-115 and by the ACT mathematics subscore. Each semester.

124 (EN-104) Digital Computer Programming—2 credits

Course for engineering, science or mathematics majors to introduce programming principles and logic. Consideration given to input-output, flow charting, handling arrays, function and subroutine subprograms, applied to problem solving. Prerequisite: M-111 or M-106 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both M-124 and EN-104. Each semester.

205 Calculus and Analytic Geometry — 4 credits

Transcendental functions, methods of integration determinants, matrices and linear equations, analytic geometry of conics, polar and parametric equations. Prerequisite: M-112 or the passing of a placement test over the material of M-112. Each semester.

206 Calculus and Analytic Geometry — 4 credits

Solid analytic geometry, vectors, series, partial derivatives, multiple integrals, introduction to differential equations. Prerequisite: M-205. Each semester.

M-211-212 Accelerated Calculus — 5 credits each

Analytic geometry, functions, limits, differentiation and integration with applications; transcendental functions, methods of integration.

Vectors, solid analytic geometry, vector functions, partial derivatives, multiple integration, series, introduction to differential equations.

This course is essentially an accelerated version of the three semester sequence M-112, M-205, M-206. Prerequisite: Any of M-106, M-111, M-116 with grade of A, or a strong high school background. Yr course M-211 Fall M-212 Spring

225 (EN-225) Applied Fortran Programming — 2 credits

A general course to illustrate advanced techniques in Fortran programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: M-124 (EN-104) and M-205. Credit cannot be obtained for both M-225 and EN-225. Fall semester.

226 Assembly Language —4 credits

Assembler language for the IBM System/360-370. Binary integer, floating point, and decimal arithmetic are considered. Other topics include the writing of subroutines, editing, looping and address modification. Non-academic applications are considered, and an introduction to RPG is included. Prerequisite: M-124 (EN-104) Spring semester.

301 Linear Algebra—4 credits

Linear algebra, vector spaces and matrices. Prerequisite: M-206 or 212. Each semester.

302 Introduction to Abstract Algebra—3 credits

Sets, Boolean algebra, integral domains, groups, fields, rings and ideals. Prerequisite: M-205 or 212. Spring semester.

306 Number Theory—3 credits

Primes, congruences, Diophantine equations, residues, quadratic forms, continued fractions. Prerequisite: M-205 or 212. Spring semester.

311 Foundations of Geometry—3 credits

Euclidean, non-Euclidean, and projective geometries from an axiomatic point of view. Prerequisite: M-205 or 212. Fall semester.

312 Combinatorial Geometry—3 credits

Study of geometry of curves and surfaces in Euclidean spaces. Maps, networks, topological equivalence of figures, Jordan Curve Theorem, topological spaces, metric spaces. Prerequisite M-205 or 212. Spring semester.

314 Foundations of Analysis—3 credits

Logic, Axiomatics, Sequences, Foundations of Calculus, Structure of the Real Numbers. Prerequisite: M-206 or 212. Each semester.

321 Advanced Engineering Mathematics — 4 credits

Ordinary differential equations with emphasis on closed form and series solutions; transform methods and electrical and mechanical circuit differential equations; Fourier series and harmonic analysis; Vector calculus with line and surface integrals. Prerequisite: M-206 or 212. Each semester.

331 Differential Equations—4 credits

Ordinary and partial differential equations with applications to physical sciences and engineering. Emphasis on numerical methods for solution. Prerequisites: M-124 (EN-104) and M-206. Recommended M-225 (EN-225) or M-126. Fall semester.

340 Numerical Analysis—4 credits

The application of numerical methods, to interpretation and analysis of data; general iterative methods; approximation of functions, error analysis; solution of equations with the implementation of computer programming. Fortran programming will be utilized. Prerequisite: M-124 (EN-104), M-206 or 212. Spring semester.

361 Fundamentals of Statistics—4 credits

Probability and random variable on finite sets. Distributions. Central limit theorem. Descriptive Statistics. Regression and Correlation. Tests of hypotheses. Design of experiments and sampling surveys. Prerequisite: M-106, 116, 205 or 212. Fall semester.

362 Probability Theory—4 credits

The algebra of sets, set functions, probability functions, random variables, distributions, densities, generating functions, conditional probability. Markov's inequality, central limit theorem, strong and weak laws of large numbers. Prerequisite: M-106, 116, 205 or 212. Spring semester.

401-402 Advanced Calculus—3 credits

The real number system, continuity, functions of several variables, partial differentiation, multiple integrals, line and surface integrals, theory of integration, transformations, infinite series. Prerequisite: M-314. Each semester.

406 Theory of Functions of a Complex Variable—3 credits

Complex numbers, point sets, functions of a complex variable, analytic functions, infinite series, integration, conformal mapping. Prerequisite: M-206 or 212. Fall semester.

411 Introduction to Topology—3 credits

Sets, metric spaces, topological spaces, continuous mappings, connectedness, function spaces. Prerequisite: M-314. Fall semester.

421-422 Applied Mathematics—4 credits

Partial differential equations of mathematical physics, conformal mapping, transform methods, integral equations, matrix problems. Prerequisite: M-321. Each semester.

431-432 Probability and Statistics—3 credits

Basic concepts of probability theory, sample spaces, random variables, mathematical expectation, central limit theorem, stochastic processes, estimation and testing of hypotheses. Prerequisite: M-206 or 212. Each semester.

441 Abstract Algebra I—3 credits

Homomorphisms, prime ideals, prime radical, ring of endomorphisms, irreducible rings of endomorphisms, R-modules, Jacobson radical, descending chain condition. Prerequisite: M-301, M-302. Fall semester.

442 Abstract Algebra II—3 credits

Polynomial rings, simple extensions, algebraic extensions, splitting fields, separable extensions, automorphisms of fields, normal extensions, Galois theory, finite fields, generic polynomials. Prerequisites: M-301, M-302. Spring semester.

451 Systems Programming—4 credits

Introduction to machine language programming, compiled languages, program optimization, computer logic and design. Prerequisite: M-126 and M-206 or 212. Spring semester.

490 Mathematics in Secondary Schools—3 credits

Objectives, content, and methods of secondary school mathematics programs. Prerequisite: Six hours of mathematics completed at, or above, the three hundred level. Fall semester.



DEPARTMENT OF MUSIC

Wilber Elliott, *Chairman*; Donald Oakes, *Associate Chairman*

Professors: Best, Bratt (C.G.), Meyer

Associate Professors: Elliott, Taylor

Assistant Professors: Baldwin, Bratt (J. W.), Cleveland, Hopper, Hsu, Oakes, Russell, Shelton

Emeriti: Forter, Marshall, Mitchell

Special Lecturers: Blood (piano), C. Elliott (voice), Henry (brass), W. Hsu (strings), Mamerow (reeds), Moore (piano), Norell (flute), Shink (bassoon), Simons (introduction to music), Thomeson (guitar)

Gifts and Memorials to the Music Department

The Music Department has been the recipient of many fine gifts of instruments, music, and record collections from friends and supporters of the Department. In the Music Auditorium is housed the J. W. Cunningham Memorial Pipe Organ, a three-manual Austin organ of 45 ranks and 54 registers, given to the College by Laura Moore Cunningham. It is used for concert, teaching, and practice purposes. Also in the Auditorium is the console for the Harry W. Morrison Memorial Carillon, built by Maas-Rowe. Given as a memorial to her husband by Mrs. Velma Morrison, the Grand Symphony Carillon system chimes the hours and half-hours and twice daily plays a short program of carillon music. A familiar but unusual gift, seen in area parades and at home football games, is the BSC calliope, given by Mr. Michael A. Compton.

Other gifts to the Music Department include several grand pianos, electronic equipment, instruments, record collections and music. The Music Department is grateful to these donors who have given so generously:

*Dr. and Mrs. Robert deNeufville
Alice Gould
Dr. and Mrs. Arthur C. Jones
Senator Len Jordan
Bryant S. Martineau
Marjorie Palmquist
Mr. and Mrs. Edward Utley
Mrs. Eli Weston*

REQUIREMENTS FOR MUSIC MAJOR

Bachelor of Arts Program

A. Completion of general college requirements for the Bachelor of Arts degree as found on pages 30-33 of the catalog.	
B. Minimum Music Requirements:	
Performance Studies	8
Beginning and Advanced Harmony	12
Beginning and Advanced Ear Training	4
Music History/Literature Courses	6
Ensemble	4
Concert Class (each semester)	0
Performance, Theory, Music Education, or General Music Electives	10
Senior Recital* or Senior Project**	1
Total	45

*Senior Recital option requires approval of the student's private instructor. Senior Recital (MA-444) requires a minimum of 3 years of study or equivalent in the area prior to enrolling.

**An Independent Study terminal project under faculty supervision and with the approval of the Department Chairman in the areas Theory, Music History/Literature, or Music Education.

MUSIC MINOR

The Music Department will recognize as a minor in music (in conjunction with a major in a non-music area) a minimum of 20 hours of music credits completed. Emphases are possible in Performance, Music Theory, History/Literature, or Music Education. Details of the individual student's curriculum are to be determined by the student in consultation with an assigned Music Minor advisor and subject to the approval of the Music Department Chairman.

MUSIC MAJOR IN PERFORMANCE, THEORY-COMPOSITION, AND MUSIC EDUCATION

Bachelor of Music Program

1. The Bachelor of Music Degree (Performance and Theory-Composition Emphasis) is designed to train performers and composers and performing artist teachers. It is the basic degree for preparing students for graduate work in the performing and creative fields as well as teaching at the college and university level. It is essentially a professional degree.
2. The Bachelor of Music Degree (Music Education Major) is designed to prepare students for teaching careers in the secondary and elementary educational systems. It also prepares the students for graduate work in Music Education.
3. All full-time music students will be required to attend Concert Class during each semester of residency at Boise State College. (See course description on page 72 for complete details.) Also, all students registered for any M.A. Performance Study course will perform before a faculty jury at the end of each semester. Students presenting MA-444, 445, or 446 recitals are exempt from faculty jury during the semester in which the recital is given.
4. All Bachelor of Music non-keyboard majors, no later than the end of the Junior year, are required to pass one of the levels in the Piano Proficiency examination before a faculty committee. The particular level is determined by the student's major. A grade of C or better in MU213 will meet levels I and II requirements for Music Education Majors. Details are available from the Music Department.
5. All Bachelor of Music Majors are required to register for one of the three major ensembles (band, choir, or orchestra) each semester (a minimum total of 8 credits over 4 years of normal full-time study). Other ensembles may be taken as electives in addition to the major ensembles. Piano majors may count up to 4 credits of Accompanying (ME-180, 380) toward this requirement.
6. The following Core of Music Courses will be included in all Bachelor of Music curricula:

Concert Class (Attendance required each semester of residency — see page 71 for details)	0
Beginning and Advanced Harmony and Ear Training (L.D.)	16
Basic Conducting (L.D.)	1
Ensemble	8
Elements of Form (Upper Division)	3
Music History Courses (Upper Division — 3 credits will count toward Area I Requirements; see page 33)	12

I. Performance Emphasis Requirements

CREDITS

1. General College and Basic Core Requirements (including 3 credits of Music History in Area I) . . . 31-34
2. Music Requirements:
 - A. Music Core 40
 - B. Lower Division Performance Studies 16
 - C. Upper Division courses 29

Performance Studies	16
Keyboard Harmony and Basic Improv.	4
Counterpoint	4
Choral or Instrumental Conducting	1
Advanced Form and Analysis	2
Senior Recital	2
3. Electives 12-15
 - a. Organ Majors must include MU 413-414, 4 cr.
 - b. Voice Majors must include 1 semester of MU 147, 1 credit
 - c. Other electives may be chosen from any area.

Total: 128

II. Theory-Composition Emphasis Requirements

1. General College and Basic Core Requirements (including 3 credits of Music History in Area I) . . . 31-34
2. Music Requirements:
 - A. Music Core 40
 - B. Lower Division Courses 16

Performance Major Studies	8
Performance Minor Studies (To be piano, unless major is a keyboard instrument)	8
 - C. Upper Division Courses 32

Performance Major Studies	4
Advanced Form and Analysis	2
Band and Orchestra Arranging	4
Canon and Fugue	2
Choral and Instrumental Conducting	2
Continuo Realization and Improvisation	4
Counterpoint	4
Keyboard Harmony and Basic Improv.	4
Music Composition	4
Senior Composition Recital or Music Seminar	2
3. Electives (Any Area) 9-12

Total: 128

III. Music Education Emphasis Requirements

(Fulfillment of the requirements below will qualify the student for Idaho State Certification in Secondary Schools and as an Elementary School Music Specialist.)

1. General College and Basic Core Requirements (including 3 credits of Music History in Area I) . . . 31-34
2. Music Requirements:
 - A. Music Core 40
 - B. Lower Division Courses 14

Performance Major Studies	8
Functional Piano	2
Instrumental Techniques & Methods	4
 - C. Upper Division Courses 23

Performance Major Studies	8
Band & Orchestra Methods & Materials	2
Band Arranging	2
Choral and Instrumental Conducting	2
Choral Methods and Materials	2
Instrumental Techniques and Methods	4
Public School Music	2
One-half Senior Recital	1
 - D. Education School Requirements 12

(General Psych — Area II)	(3)
(Educational Psych — Area II)	(3)
Foundations of Education	3
Secondary School Methods	3
Practice Teaching	6
3. Electives (Any Area) 8-11

Total: 128

Course Offerings

MUSIC EDUCATION MAJORS

(Suggested Program)

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
General Psychology	3	—
Western Civilization	—	3
English Composition	3	3
Physical Education	1	1
Beginning Harmony	3	3
Beginning Ear Training	1	1
Performance Major	2	2
Ensemble	1	1
Methods and Techniques	2	0
Concert Class	0	0
	16	14
SOPHOMORE YEAR:		
Literature	3	—
Foundations of Education	—	3
Advanced Harmony	3	3
Advanced Ear Training	1	1
Performance Major	2	2
Functional Piano	2	—
Basic Conducting	—	1
Ensemble	1	1
Methods and Techniques	2	1
Music History	3	3
Orientation to Music Education	—	1
Concert Class	0	0
	17	17
JUNIOR YEAR:		
Foreign Language	4	4
Literature	—	3
Music History	3	3
Conducting	1	1
Performance Major	2	2
Ensemble	1	1
Band and Orchestra Methods	2	—
Methods and Techniques	—	2
Electives	4	2
Concert Class	0	0
	17	18
SENIOR YEAR:		
Elements of Form	3	—
Band Arranging	2	—
Choral Methods	2	—
Public School Music	2	—
Electives	2	—
Ensemble	1	1
Performance Major	2	2
Concert Class	0	0
One-half recital	1 or	1
Education Psychology	—	3
Secondary School Methods	—	3
Student Teaching	—	6
	14-15	15-16

MA MUSIC APPLIED — PERFORMANCE STUDIES

Major Area practice requirements:

For 4 hrs. credit—18 hrs. practice per week.

For 2 hrs. credit—12 hrs. practice per week.

Minor Area practice requirements:

For 2 hrs. credit—6 hrs. practice per week.

010 Concert Class — no credit

The class meets weekly. Required of all full-time Music Majors and Minors, but attendance is open to any person. Minimum attendances per semester: 10 sessions for all Music Majors; 6 sessions for all Music Minors. As a part of this course, attendance at a minimum of 5 Music Department-sponsored, on-campus concerts/recitals is required. Participation in the concert/recital will not constitute attendance for meeting this requirement. Each semester.

Students planning to enroll in upper division performance studies (MA-300 levels) must have completed two years or equivalent of the lower division level and must have passed the Junior Standing Proficiency Exams for those studies. All MA courses may be repeated for credit. Students transferring into the Music Department as music majors from some other college, university, or conservatory, or from another department within BSC and requesting advanced standing in performance must successfully complete a performance examination before a faculty jury prior to the possible granting of such advanced standing. Details may be obtained from the music office.

Strings

171, 371 Violin — 2 credits	Each semester
172, 372 Violin — 4 credits	Each semester
161, 361 Viola — 2 credits	Each semester
162, 362 Viola — 4 credits	Each semester
121, 321 Cello — 2 credits	Each semester
122, 322 Cello — 4 credits	Each semester
123, 323 String Bass — 2 credits	Each semester
124, 324 String Bass — 4 credits	Each semester
125, 325 Guitar — 2 credits	Each semester
126, 326 Guitar — 4 credits	Each semester

Brass

109, 309 Applied Brass — 2 credits	Each semester
110, 310 Applied Brass — 4 credits	Each semester
111, 311 Horn — 2 credits	Each semester
112, 312 Horn — 4 credits	Each semester
113, 313 Trombone — 2 credits	Each semester
114, 314 Trombone — 4 credits	Each semester
115, 315 Trumpet (or Baritone) — 2 credits	Each semester
116, 316 Trumpet (or Baritone) — 4 credits	Each semester
117, 317 Tuba — 2 credits	Each semester
118, 318 Tuba — 4 credits	Each semester

Woodwinds

189, 389 Applied Woodwinds — 2 credits	Each semester
190, 390 Applied Woodwinds — 4 credits	Each semester
191, 391 Bassoon — 2 credits	Each semester
192, 392 Bassoon — 4 credits	Each semester
193, 393 Clarinet — 2 credits	Each semester
194, 394 Clarinet — 4 credits	Each semester
195, 395 Flute — 2 credits	Each semester
196, 396 Flute — 4 credits	Each semester
197, 397 Oboe (or English Horn) — 2 credits	Each semester
198, 398 Oboe (or English Horn) — 4 credits	Each semester
199, 399 Saxophone — 2 credits	Each semester
200, 400 Saxophone — 4 credits	Each semester

SCHOOL OF ARTS & SCIENCES
Department of Music

Organ

131, 331 Organ — 2 credits Each semester

Prerequisite: Level 3 Piano proficiency.

132, 332 Organ — 4 credits Each semester

Prerequisite: Level 3 Piano proficiency.

Piano

150 Piano Class — 1 credit Each semester

Maximum 2 credits allowed. For music majors only; or by special permission of the department chairman.

151, 351 Piano — 2 credits Each semester

152, 352 Piano — 4 credits Each semester

Percussion

141, 341 Percussion — 2 credits Each semester

142, 342 Percussion — 4 credits Each semester

Voice

180 Voice Class — 1 credit Each semester

Maximum 2 credits allowed. For music majors only; or by special permission of the department chairman.

181, 381 Voice — 2 credits Each semester

182, 382 Voice — 4 credits Each semester

410 Music Composition — 2 credits

Instruction and supervised experience in composing for various instruments and voices, individually and in combination, utilizing small and large musical forms. May be repeated for a total of 8 credits. Prerequisite: Permission of instructor. Each semester.

444 Music Education/Bachelor of Arts Senior Recital — 1 credit

All students under the Music Education Emphasis will be required to present a half (1/2) recital in their performance major area during their senior year. This recital may also serve the Bachelor of Arts Music Major program. Prerequisite: three years or its equivalent of study in the area. Each semester.

445 Recital — 2 credits

Music Performance majors may elect to perform a solo recital for two credits prior to the required senior solo recital at any time subsequent to the freshman year. The student must have permission of his teacher and the chairman of the music department. Each semester.

446 Senior Performance Recital — 2 credits

Students majoring in Performance Studies will be required to present a senior recital on their major instrument. Prerequisite: Major in Performance and permission of the student's supervising private teacher. Each semester.

447 Senior Composition Recital — 2 credits

A recital for the performance of original compositions by the Theory-Composition Major. Students must make their own arrangements with personnel required for the recital. Required of Theory-Composition Majors. Prerequisite: Major in Theory-Composition and permission of supervising faculty member. Each semester.

ME MUSIC, ENSEMBLE

All ME courses may be repeated for credit up to the maximum allowable as stated in the course descriptions.

101, 301 College Singers—1 credit

A general chorus open to all college students. No audition is necessary. Major choral works from all periods will be sung. Public performance(s) will be expected each semester. Concurrent enrollment in ME 105, 305 prohibited. Maximum credits: ME 101 and/or ME 301, 8 cr. Each semester.

105, 305 Meistersingers—1 credit

Essentially a course in unaccompanied singing which is open to all college students. The Meistersingers is the concert-touring choir of the College. Concurrent enrollment in ME 101, 301 is prohibited. Prerequisite: Enrollment is by audition and Music Department approval. Maximum credits: ME 105, and/or ME 305, 8 cr. Each semester.

110, 310 Vocal Ensemble—1 credit

A course designed to promote participation in and repertoire knowledge of music for small vocal ensembles. Literature will include music of all periods. Varying groups will be established as demand warrants. A public performance can be expected each semester. Prerequisite: Permission of instructor and concurrent enrollment in ME 101, 301 or ME 105, 305. Maximum credits: ME 110, and/or ME 310, 8 cr. Each semester.

120, 320 Band—1 credit

An elective open to all students who can play a band instrument. Maximum credits: ME 120, and/or ME 320, 8 cr. Each semester.

125, 325 Brass Ensemble—1 credit

A course designed to promote playing in and increasing repertoire knowledge for small brass ensembles. A public performance is required each semester. Maximum credits: ME 125, and/or ME 325, 8 cr. Prerequisite: permission of instructor. Each semester.

126, 326 Jazz Ensemble—1 credit

A course designed to promote playing in and repertoire knowledge of jazz ensemble. Includes performance of Dixieland, be-bop, swing, big-band jazz, rock, and contemporary concert jazz. Class rehearsals will include study and discussion of problems of rhythm, notation, improvisation, ear training, and chord construction in jazz. A public performance will be required each semester. Prerequisite: consent of instructor. Maximum credits: ME-126, and/or ME-326, 8 cr. Each semester."

130, 330 Woodwind Ensemble—1 credit

A course designed to promote playing in and increasing repertoire knowledge for small woodwind ensembles. A public performance is required each semester. Maximum credits: ME 130, and/or ME 330, 8 cr. Prerequisite: permission of instructor. Each semester.

140, 340 Percussion Ensemble—1 credit

A course designed to promote playing in and repertoire knowledge of percussion ensembles. A public performance is required each semester. Prerequisite: consent of instructor. Maximum credits: ME-140 and/or ME-340, 8 cr. Each semester.

150, 350 Orchestra—1 credit

The Boise State College Community Symphony is composed of students and experienced musicians of the community and prepares several concerts each season from the standard symphonic repertoire. An elective for non-music majors. Audition is required of new students. Maximum credits: ME 150 and/or ME 350, 8 cr. Each semester.

160, 360 String Ensemble — 1 credit

A course designed to promote playing in and increasing repertoire knowledge for small string ensembles. A public performance is required each semester. Maximum credits: ME 150, 4 and/or ME 360, 8 cr. Prerequisite: permission of instructor. Each semester.

180, 380 Accompanying—1 credit

Practical experience in accompanying vocal and instrumental students. Open to keyboard students with sufficient technique. Maximum credits: ME 180 and/or ME 380, 8 cr. Each semester.

MU MUSIC, GENERAL

Lower Division

101 Music Fundamentals — 2 credits

Primarily for Education Department students, but open to all non-music majors. Learning to read music through study of music notation symbols. Study of all scales and keys, major and minor, and elementary chord structures. Basic conducting patterns are learned and practiced. A remedial course for music majors. Each semester.

111 Beginning Harmony — 3 credits

The study of harmony through its evolutionary-historical approach: elementary sixteenth-century 2-part counterpoint through the five species in the ancient church modes; 3-part chordal harmony within the modes. Prerequisite: Students enrolling (1) must have passed the pre-harmony exam and (2) concurrently enroll in piano or be able to pass the piano proficiency exam for their major area (see page 40, No. 4). Fall semester.

112 Beginning Harmony — 3 credits

The 4-part contrapuntal-harmonic style of J. S. Bach through the seventh chord including non-chord tones and modulation to near related keys. Prerequisite: MU 111 Beginning Harmony. Spring semester.

121-122 Beginning Ear Training — 1 credit

A course designed to correlate with Beginning Harmony MU-111 and MU-112 and which emphasizes auditory training in scales (including the modes and major and minor) and all intervals. The course includes drill in solfeggio and sight singing leading up to aural recognition of 3-part and 4-part harmonic structures. Two hours per week. Prerequisite: Previous or concurrent enrollment in Beginning Harmony, MU-111 and MU-112. Fall-Spring semesters.

147 Survey of Opera and Music Theatre — 1 credit

An historical survey of the development and growth of opera and music theatre through chronological study of scores, recordings, sound filmstrips, and library resource materials from the beginning of the Baroque period to Contemporary Modern Opera and Music Theatre compositions. Required of voice majors. Meets twice a week. Fall semester.

211-212 Advanced Harmony — 3 credits

This course completes the study of the contrapuntal-harmonic techniques used in the Bach Chorales begun in Beginning Harmony. Added to harmonic materials already studied are the uses of altered chords, including the augmented sixth chords and Neapolitan sixth, non-chord tones and remote modulations. The student is expected to harmonize chorale melodies in the style of J. S. Bach by the time the course is completed. Most of the second semester will be used in the study of chords used since Bach and in establishing a foundation for writing in a contemporary style. Prerequisite: Beginning Harmony MU-111 and MU-112. Fall-Spring semesters.

213 Functional Piano — 2 credits

Class instruction for Music Education majors; designed to build fundamental keyboard skills through scales, chords, arpeggios and other studies. Building of a repertoire of songs and the learning of a variety of chording techniques useful in teaching classroom music. Prerequisite: Beginning Harmony 111-112. One year of piano study recommended prior to enrollment. May be repeated once for credit. Each semester.

221-222 Advanced Ear Training — 1 credit

A continuation of Beginning Ear Training; the student will take dictation in more advanced rhythms, solfeggio and dictation in two, three, and four parts. Students will be expected to play at the keyboard, the more simple forms of the basic chords in four parts. Prerequisite: Beginning Harmony MU-111 and MU-112, Beginning Ear Training MU-121 and MU-122, and at least one year of piano, or concurrent piano study. Fall-Spring semesters.

257 String Instrument Techniques and Methods — 2 credits

Primarily for Music Education Majors, this course deals with methods and materials of string-class teaching in the public schools, while providing the student with a basic performing technique on two or more of the orchestral string instruments: violin, viola, cello, and string bass. 1 hour lecture, 2 hours lab per week. Fall semester.

261 Basic Conducting — 1 credit

Fundamental techniques of conducting: baton fundamentals, group psychology, rehearsal techniques, and simple score reading. Meets twice a week. Prerequisite: Beginning Harmony and Ear Training MU 111-112 and MU 121-122. Either semester.

266 Woodwind Techniques and Methods — 2 credits

Primarily for Music Education majors, this course deals with methods and materials of teaching the various woodwind instruments in the public schools, while providing the student with a basic pedagogical technique on two or more of the woodwind instruments. Meets three times per week. Fall semester.

271 Orientation to Music Education — 1 credit

A look at school music programs to include all levels, primary through secondary programs. Meets twice a week — one lab period and one formal class period. Lab period will be visitation in public schools. Either semester.

Upper Division

305 History and Literature of the Romantic Era — 3 credits

Study and consideration of representative musical works from Schubert and Beethoven to Mahler and Richard Strauss. The relationship of these works to parallel movements in literature and the other arts. Prerequisite: Beginning Harmony MU 111-112. Fall semester.

306 History and Literature of the Twentieth-Century — 3 credits

Styles and characteristics of music from the last decades of the previous century to the present. Works from Mahler and Debussy to recent developments in aleatoric and electronic music; consideration of jazz and other recent influences in American music. Prerequisite: Beginning Harmony MU 111-112. Spring semester.

307 History and Literature of the Medieval and Renaissance Eras — 3 credits

The analysis of the development of Western music from Greek theory and its cultural roots through Palestrina and his contemporaries. Consideration of the music of these periods as artistic entities and foundations for subsequent expression. Prerequisite: Beginning Harmony MU 111-112. Fall semester.

308 History and Literature of the Baroque and Classical Eras — 3 credits

Development of understanding of styles and characteristics of music of these periods through score reading, listening, analysis and discussion. Works from the Gabriellis through Haydn and Mozart. Prerequisite: Beginning Harmony MU 111-112. Spring semester.

313-314 Keyboard Harmony and Basic Improvisation — 2 credits

The student will learn to play in strict four-part harmony from figured basses and melodies, from unfigured basses and melodies, to modulate, to play familiar tunes in four parts in various keys and be instructed in the basic materials for improvising at the piano and organ. Prerequisite: Beginning Harmony MU-111 and MU-112, and Beginning Ear Training MU-121 and MU-122 for students majoring in piano or organ. For non-keyboard majors, the student must have had one to two years piano study. Fall-Spring semesters.

SCHOOL OF ARTS AND SCIENCES
Department of Music

321-322 Counterpoint — 2 credits

A study of the 16th century composition techniques. The C clefs will be used and the student will write in two, three, and four parts, using the five classic species of counterpoint. If time permits the writing will be extended to include five and six parts and original compositions in the style. Prerequisite: Advanced Harmony MU-211, 212. Completion of MU-221 and MU-222 is desirable. Fall-Spring semesters.

345 Opera Theatre — 1 credit

A course in the study and production of operas. Permission of instructor required to register for course. Maximum 4 credits. Each semester.

365 Choral Conducting—1 credit

A course designed to deal with the problems and techniques of choral conducting. Students will work with ensemble groups as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Fall semester.

366 Instrumental Conducting—1 credit

A course designed to deal with the problems of instrumental conducting. Includes baton technique and score reading. Students will work with ensembles as laboratories for conducting experience. Meets twice a week. Prerequisite: Basic Conducting MU 261. Spring semester.

368 Percussion Techniques and Methods — 2 credits

Primarily for Music Education majors, this course deals with methods and materials of teaching the various percussion instruments in the public schools, while providing the student with basic performing techniques. Meets three times per week. Spring semester.

369 Brass Techniques and Methods — 2 credits

Primarily for Music Education majors, this course deals with methods and materials of teaching the various brass instruments in the public schools, while providing the student with a basic performing technique on two or more of the brass instruments. Meets three times per week. Spring semester.

371 Public School Music — 2 credits

Materials, methods and problems relating to classroom music in grades one through six. Prerequisite: Music Fundamentals MU-101 or equivalent. Each semester.

385 Choral Methods and Materials — 2 credits

Designed for Music Education majors who will be teaching vocal groups in junior and/or senior high schools. A practical workshop in selection and conducting of choral materials, rehearsal techniques, use of small ensembles, planning and organization of vocal groups. Meets three times a week. Prerequisite: Basic Conducting MU 261 prior to enrollment and Choral Conducting MU 361 prior or concurrent to enrollment. Spring semester.

387 Band and Orchestra Methods and Materials —2 credits

The study of the organization and administration of bands and orchestras at the secondary school level; includes equipment purchasing, budgets, public relations, planning, rehearsal techniques, scheduling, programming, and emergency repairs of instruments. Fall semester.

409 Elements of Form — 3 credits

Elements of form from both design and harmonic structure standpoints. Detailed analysis of the phrase and the simpler binary and ternary forms; cursory examination of larger forms. Prerequisite: Advanced Harmony MU 211-212. Fall semester.

410 Advanced Form and Analysis — 2 credits

Analysis of harmonic and formal structures of the larger binary and ternary forms; the sonata, the symphony, the concerto, Baroque forms. Prerequisite: Elements of Form MU 409. Spring semester.

413-414 Continuo Realization and Improvisation — 2 credits

Designed especially for organists and composition majors; other students may enter by permission of instructor. Special attention will be given to improvising the harmonies from the figured basses in the choral scores of the Baroque Period. Original work in improvisation will also be stressed. Prerequisite: Keyboard Harmony and Basic Improvisation MU-313 and MU-314. Fall-Spring semesters.

421 Canon and Fugue — 2 credits

An analytical study of the formation of canons and fugues. The student will study and write canons and canonic devices at all intervals. Fugal expositions, and complete fugues will be studied and written in three and four voices. Prerequisite: Advanced Harmony MU-211 and MU-212, and Counterpoint MU-321 and MU-322. Either semester.

455 Band Arranging — 2 credits

Required of majors in Music Education and in theory and Composition. A study of scoring and notation for brasswind, woodwind and percussion instruments and their textures in various combinations. Prerequisite: Advanced Harmony MU 211-212. Fall semester.

456 Orchestra Arranging — 2 credits

Required of Theory and Composition majors but open to other students who can qualify. A study of scoring and notation for strings and for voices in various combinations with primary emphasis on the orchestra. Prerequisite: Band Arranging MU 455. Spring semester.

461, 462 Piano Pedagogy — 1 credit

Teaching problems at all levels, appraisal of new literature, and the study of grading sequences for the piano teacher. Examples in performance and interpretation and surveys of various methods and other teaching materials. Open to prospective or current piano teachers with consent of instructor. Fall, Spring semesters.

498 Music Seminar — 2 credits

A Seminar project under faculty direction. Prerequisite: Senior standing. Either semester.



DEPARTMENT OF PHYSICS, ENGINEERING AND PHYSICAL SCIENCE

Dr. Gary R. Newby, *Chairman*

Professor: Dahm

Associate Professors: Campbell, Hahn, Luke, Newby

Assistant Professors: Allen (J), Parks, Severance, Smith

ENGINEERING CURRICULUM

The following curriculum is as nearly as possible identical to that at the University of Idaho. The minimum time required to earn a BS degree in engineering is 4 years and the following program is designed to do this along with 2 years at the University of Idaho. This is, however, a very rigorous demanding program and depends upon the student being able to handle a heavy work load plus having the necessary background to start with the prescribed initial courses. Many students find it desirable or even necessary to take 4½, 5 years or more to earn the degree. Therefore, a convenient option

based on 3 years at BSC followed by 1½ years at Idaho U. is available and students may consult an engineering advisor about this program. This 5-year option is also advised for students needing to work while attending school. Engineering curricula are very similar all over the country and students can readily transfer to other engineering colleges. Students should consult their advisor about possible program modifications if they plan to go to some school other than University of Idaho to complete their degree.

COMMON FRESHMAN YEAR:	1ST SEM.	2ND SEM.
(All Engineering Majors)		
English Composition (E-101-102)	3	3
Introduction to Chemistry (C-101-102)	4	4
Calculus and Analytic Geometry (M-112-205)	5	4
Engineering Fundamentals (EN-107-108)	2	2
Digital Computer Programming (EN-104)	2	—
Physics I (PH-220)	—	3
Physical Education	1	1
	17	17

COMMON SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Physics II and III (PH-221-222)	3	3
Wave Motion and Heat Lab (PH 223)	1	—
* Electricity and Magnetism Lab (EN 224)	—	1
** Humanistic-Social Elective	3	3
Introduction to Mechanics (EN-205)	3	—
Introduction to Electrical Engineering (EN-221)	3	—
Calculus and Analytic Geometry (M-206)	4	—
Advanced Engineering Math (M-321)	—	4
(Branch Variation — See Below)	—	5-7
	17	16-18

*Electrical Engineers taking EN 223 will not take EN 224 (PH 224). All other branches will take EN 224.

**During first semester, Chemical Engineers substitute C-217. Civil Engineers substitute EN-215.

Branch Variations:	
Agricultural Engineering	
Life Science Elective	4
Dynamics of Rigid Bodies (EN-206)	2
	6
Civil Engineering	
Dynamics of Rigid Bodies (EN-206)	2
Engineering Measurements (EN-216)	2
Humanistic Social Elective	3
	7
Mechanical Engineering	
Dynamics of Rigid Bodies (EN-206)	2
Principles of Economics (EC-201)	3
	5
Chemical Engineering	
Organic Chemistry (C-218)	3
Principles of Economics (EC-201)	3
	6
Electrical Engineering	
Network Analysis (EN-223)	4
Humanistic Social Elective	3
	7

SCHOOL OF ARTS & SCIENCES
Department of Physics, Engineering and Physical Science

JUNIOR YEAR:

Three Junior level Engineering Science courses (EN 301 Fluid Mechanics, EN 306 Mechanics of Materials, and EN 320 Thermodynamics and Heat Transfer) are offered. These courses, along with usual Engineering requirements in mathematics, science, humanities, and social sciences, make it feasible for many students to complete a third year before transferring. Consult an engineering staff advisor for details.

PHYSICS

A Baccalaureate Degree is not yet offered in Physics. However, with the PH-220 through PH-224 series, three upper division Physics courses, related Mathematics courses and required Humanities and Social Science courses, a student could complete 2 or 3 years at BSC before transferring elsewhere to complete degree requirements in physics. As mathematics serves such a fundamental role in physics, the interested student may wish to follow the applied mathematics option for a bachelor's degree in mathematics. (Refer to Requirements for Mathematics Major.)

ARCHITECTURAL DESIGN

Boise State College does not offer an architectural program. Below is a list of basic courses all of which would transfer to an Architectural School. A profitable 1 to 1 1/2 years could be made up of these courses preparatory to transfer. Some colleges offer a degree in Architectural Engineering. If interested in this type of degree the student should follow the Civil option under Engineering Curriculum.

AR	103	Introduction to Art
AR	105, 106	Basic Design
AR	111, 112	Elementary Drawing
E	101, 102	English Composition
EN	101	Technical Drawing
EN	104	Digital Computer Programming
M	111	Algebra and Trigonometry
M	112	Calculus and Analytical Geometry
PH	101, 102	General Physics
PE		Physical Education Requirement

Also up to 12 hours could be taken from: anthropology, economics, geography, history, philosophy, political science, psychology, or sociology.

Course Offerings

EN ENGINEERING

Lower Division

101 Technical Drawing — 2 credits

A basic course of technical drawing procedures for those with little or no high school or work experience background in this area. Covers lettering, use of drawing instruments, geometric construction, orthographic projections, sectioning, dimensioning, pictorial drawings, working drawings and graphic solution of point line and plane problems. Two 2-hour lecture laboratory periods per week. Each semester.

104 (M-125) Digital Computer Programming—2 credits

Course for engineering, science or mathematics majors to introduce fortran programming principles and logic. Consideration given to input-output, flow charting, handling arrays, function and subroutine subprograms, applied to problem solving. Prerequisite: M-106, M-111 or M-115 or having taken or taking mathematics beyond this level. Credit cannot be obtained for both EN 104 and M 125. Each semester.

107-108 Engineering Fundamentals — 2 credits

An integrated course covering and relating such topics as professional and social responsibilities of the engineer, engineering computations, graphics and introduction to the design process. Two 2-hour lecture labs. Student should have a minimum mathematics background equal to M-111. Each semester.

205 Introduction to Mechanics — 3 credits

Covers basic statics including equilibrium, static friction, centroids, moment of inertia plus dynamics by particle motion analysis. Kinetics of particles including concepts of force — mass — acceleration, work and energy, impulse and momentum. Corequisite: M-205. Prerequisite: PH-220. Each semester.

206 Dynamics of Rigid Bodies — 2 credits

Analysis of forces and the resulting motion as pertains to rigid bodies undergoing rotary and general plane motion. Prerequisite: EN 205. Spring semester.

215 Basic Surveying — 2 credits

A basic course in surveying serving as both a preliminary course for engineering majors and a complete course for forestry and other non-engineering majors. Course covers use of transit, level, plane table, and computations related to elevation, traverse and stadia surveys. One lecture and one 3-hour lab. Prerequisite: M-111 or equivalent. Fall semester.

216 Engineering Measurements — 2 credits

Advanced topics in surveying plus theory and practice relating to types of errors, distribution of errors and precision in measurement. One lecture and one 3-hour lab. Prerequisite: EN-215. Spring semester.

221 Introduction to Electrical Engineering — 3 credits

Basic electrical theory for all engineering students. Covers both d.c. and a.c. circuits. Three lectures per week. Prerequisite: M-112. Fall semester.

223 Network Analysis — 4 credits

Deal with circuit analysis of advanced dc. and ac. circuit concepts including network theorems, frequency domain analysis and coupled circuit. Three recitations per week and one three-hour laboratory. Prerequisite: Introduction to Electrical Engineering EN-221. Spring semester.

224 (See PH 224)

225 (M 225) Applied Fortran Programming — 2 credits

A general course to illustrate advanced techniques in Fortran programming with applications drawn from engineering, physics, chemistry, geology and mathematics. Prerequisite: EN-104 and M-205. Credit cannot be obtained for both EN 225 and M 225. Fall semester.

Upper Division

301 Fluid Mechanics — 3 credits

Physical properties of fluids; fluid mechanics and measurements; viscous and turbulent flow, momentum, lift, drag, and boundary layer effects; flow in pipes and open channels. Three recitations per week. Prerequisites: Calculus M-206 and Intro to Mechanics: EN-205. Spring semester.

306 Mechanics of Materials — 3 credits

Elasticity, strength, and modes of failure of engineering materials, theory of stress and strains for columns, beams and shafts. Three class periods per week. Prerequisites: Intro to Mechanics EN 205 and Calculus M-206. Spring semester.

320 Thermodynamics and Heat Transfer — 3 credits

First and second laws of thermodynamics, thermodynamic processes; thermodynamic properties of fluids; flow processes; heat to work conversion; refrigeration; conduction and radiation. Three recitations per week. Prerequisites: Calculus M-206 and Physics II - Wave Motion and Heat PH 221. Fall semester.

PS PHYSICAL SCIENCE

Lower Division

100 Foundations of Physical Science — 4 credits

Selected concepts of matter and energy that are widely applicable toward understanding our physical and biological environment. A one-semester course for non-science majors. Three lectures and one laboratory experiment per week. Each semester.

PH PHYSICS

Lower Division

101-102 General Physics — 4 credits

Mechanics, sound, heat, light, magnetism, and electricity. This course satisfies the science requirement for the Bachelor of Arts and Bachelor of Science curricula, and may be taken by forestry, pre-dental and pre-med students. Three lectures and one 3-hour laboratory period per week. Prerequisite: Algebra and Trigonometry or acceptable score on ACT Mathematics Subscore. Each semester.

103 Radiological Physics—4 credits

A course designed primarily for those who are studying to be X-Ray or radiologic technicians. Topics covered will be fundamental physical units, energy, electricity and magnetism, atomic and nuclear physics, X-Ray production, radiation shielding and detection, radiography, isotopes, and health physics. Summer session.

105 Introduction to Descriptive Astronomy — 4 credits

A study of galaxies, stars and planets and their physical relationships, beginning with our own solar system and moving outward. Three lectures and one two-hour laboratory. One scheduled evening viewing session and several planetarium visits are required. A one-semester course for non-science majors. Each semester.

207 Introduction to Biophysics — 4 credits

A course relating physical principles to biological applications. Lectures stress concepts of atomic physics, basic electricity, energetics, heat and optics. The variety of instruments normally found in biological laboratories are used in lab to study biological systems. Three 1-hour lectures and two 2-hour labs. Prerequisite: It is recommended that the students have taken Math 111 or 115 or its equivalent.

220 Physics I — Mechanics — 3 credits

Kinematics, dynamics of particles, statics, momentum, work, energy, rotational motion and vibratory motion. Three 1-hour lectures and one 1-hour recitation per week. Corequisite: M 112. Either semester.

221 Physics II — Wave Motion and Heat — 3 credits

Wave motion on strings, sound and acoustical phenomena, geometrical optics, optical instruments, interference, diffraction, polarization, heat and the first and second laws of thermodynamics. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH220. Either semester.

222 Physics III — Electricity and Magnetism — 3 credits

Coulomb's law, electric fields, electric potential, magnetic fields, magnetic induction and simple circuits. Three 1-hour lectures and one 1-hour recitation per week. Prerequisite: PH 220, M-205. Either semester.

223 Wave Motion and Heat Lab — 1 credit

A lab designed to be taken concurrently with PH 221. Basic experiments in mechanics, wave motion, sound, optics and heat. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 221. Fall semester.

224 (EN 224) Electricity and Magnetism Lab — 1 credit

A lab designed to be taken concurrently with PH 222. Basic experiments in electricity, simple circuit analysis and instrumentation. One three-hour lab per week. Prerequisite: PH 220 and concurrent enrollment in PH 222. Spring semester.

Upper Division

301 Electronics Lab — 3 credits

Electrical measurements, power supplies, amplifier circuits, oscillators, servo systems, and electronic switching and timing. One 1-hour lecture and two 3-hour laboratory periods per week. Prerequisite: PH-222 and PH-224. Fall semester.

311-312 Modern Physics — 3 credits

A brief introduction to the special theory of relativity, basic ideas and methods of elementary quantum mechanics with applications to atomic and nuclear physics, and properties of matter. Three lectures per week. Prerequisite: PH-221, PH-222, C-102 or C-112. Corequisite: M-321 or M-331. Each semester.

381-382 Electricity and Magnetism — 3 credits

Electrostatic fields, potentials, Gauss' law, solutions of Laplace's equation, electrostatics of conductors and dielectric materials, magnetic materials, vector potentials, Maxwell's equations, and electromagnetic radiation. Three one-hour lectures per week. Prerequisites: PH-221, PH-222 and M-321 or M-331. Each semester.



DEPARTMENT OF POLITICAL SCIENCE

Dr. Willard M. Overgaard, *Chairman*

Professors: Overgaard, Wilson (D.)

Associate Professors: Donoghue, Skillern

Assistant Professors: Cedar, Peterson

Instructors: Schoedinger

The program of the Department of Political Science is designed to provide the student with a knowledge of political values, of the American political system, of the political systems of other areas of the world, and of international politics and institutions; to provide an understanding of the interactions of institutions, groups, and the individual within the framework of the diverse political systems and political relationships; to develop a comprehension of the methodology relevant to the discipline of Political Science in the various substantive areas of concentration, including political philosophy, American governmental systems and processes, political behavior, comparative government and politics, international relations, and public law; to offer special concentration in the area of public administration.

The Department of Political Science seeks also to provide innovative opportunities to extend further the student's understanding of the political environment on the local, national, and international levels.

The Political Science program prepares students for careers in the various levels of government service, in teaching, in law, and in related professions. The undergraduate program prepares students for graduate study in Political Science and related disciplines. It also offers electives in support of major programs in other disciplines.

In addition to the several optional major programs in Political Science, the College offerings in the classical discipline of Philosophy are provided through the Department of Political Science.

REQUIREMENTS FOR POLITICAL SCIENCE MAJOR Bachelor of Arts Program

A major program in Political Science is to be defined for each student in terms of a general foundation of knowledge in the discipline of Political Science, accommodating the developmental interests of the student but reflecting a concentration in any one of the following four "areas of emphasis" as available options for a major program in Political Science:

- I. Political Philosophy
 - II. American Governmental Systems and Processes
 - III. International Relations
 - IV. Public Administration
- As an additional option, major emphasis in Political Science is provided in teacher education preparation.
- V. Political Science
 - Social Science Secondary Education

The basic requirements applicable to all major programs in Political Science, irrespective of the selected area of emphasis, are to include the following courses:

PO 101 Federal Government	3 credits
PO 141 Contemporary Political Ideologies	3
PO 229 Comparative European Governments and Politics	3
PO 231 International Relations	3
PO 498 Seminar (Scope and Methods of Political Science)	2
(Not applicable to public administration area of emphasis.)	

At least 3 Semester credits in Western Political Theory PO-441, PO-442 strongly recommended for all students with a major program in Political Science.

The course requirements applicable to each of the three designated areas of emphasis, offered as optional major programs in Political Science, are described below.

I. Political Science - Political Philosophy emphasis.

Political philosophy as an area of emphasis is designed to accommodate students whose principal interest in Political Science is the fundamental political thought, past and present, in the development of political institutions in society.

A. General College and Core Requirements.

B. Political Science Major Requirements (45 credits)

1. Lower Division courses (12 credits)

PO-101 Federal Government	3 credits
PO-141 Contemporary Political Ideologies	3
PO 229 Comparative European Governments and Politics	3
PO 231 International Relations	3

2. Upper Division Courses (33 credits)

PO 301 American Politics	3 credits
PO 401 Constitutional Law	3
PO 431 American Political Theory	3
PO 441 Western Political Theory I	3
PO 442 Western Political Theory II	3
PO 451 Comparative Legal Systems	3
PO 498 Senior Seminar (Scope and Methods of Political Science)	2
Political Science electives (13 credits)	

II. Political Science - American Governmental Systems Processes emphasis.

This area of emphasis is offered to students who wish to concentrate their attention on National, State, and local political institutions of the United States. The course requirements and electives in this area of emphasis seek to provide the student with an understanding of American government.

A. General College and Core requirements.

B. Political Science Major Requirements (45 credits)

1. Lower Division Courses (18 credits)

PO 101 Federal Government	3 credits
PO 102 State and Local Government	3
PO 141 Contemporary Political Ideologies	3
PO 221 Voting Behavior and Public Opinion	3
PO 229 Comparative European Governments and Politics	3
PO 231 International Relations	3

2. Upper Division Courses (27 credits)

PO 301 American Politics	3 credits
PO 303 Introduction to Public Administration	3
PO 412 Legislative Behavior	3
PO 401 Constitutional Law	3
PO 431 American Political Theory	3
PO 498 Senior Seminar (Scope and Method of Political Science)	2
Political Science Electives (10 credits)	

III. Political Science - International Relations emphasis.

The area of emphasis in international relations is available for students wishing to obtain a general understanding of international affairs for a more intelligent citizenship in the modern world society. Students enrolling in this option are advised to prepare themselves adequately in modern foreign languages. The course requirements in Political Science are intended to provide a basis for an interdisciplinary program with additional courses drawn from foreign languages, history, economics, and sociology.

A. General College and Core requirements.

B. Political Science Major Requirements (45 credits)

1. Lower Division Courses (12 credits)

PO 101 Federal Government	3 credits
PO 141 Contemporary Political Ideologies	3
PO 229 Comparative European Governments and Politics	3
PO 231 International Relations	3

2. Upper Division courses (33 credits)

PO 311 International Politics	3 credits
PO 324 Comparative Communist Party - State Systems	3
PO 333 Comparative Governments and Politics of the Developing Nations	3
PO 335 United States Foreign Policy	3
PO 421 International Law	3
PO 422 International Organization	3
PO 451 Comparative Legal Systems	3
PO 498 Senior Seminar (Scope and Methods of Pol. Sci.)	2
Political Science Electives (10 credits)	

IV. Political Science — Public Administration emphasis.

As an optional area of emphasis in Political Science, the course requirements are designed to provide a broad foundation in the discipline of Political Science with special concentration in the area of Public Administration. Special interdisciplinary course patterns can be arranged for students interested in such complementary areas as public administration and economics, public administration and sociology, public administration and psychology, public administration and communications. Appropriate course selections for all students opting for the Public Administration area of emphasis should include electives in computer science, psychology, sociology, history, economics, and communications.

A. General College and Core Requirements.

B. Political Science Major Requirements (45 credits)

1. Lower Division courses (12 credits)

PO-101 Federal Government	3 credits
PO-102 State and Local Government	3
PO- 141 Contemporary Political Ideologies	3
PO- 229 Comparative European Government and Politics	3
PO- 231 International Relations	3

2. Upper Division Courses (30 credits)

PO-303 Introduction to Public Administration	3 credits
PO-310 Public Finance	3
PO- 320 American Policy Processes	3
PO- 325 Regional Administration	3
PO-465 Comparative Public Administration	3
PO-467 Administrative Law	3
PO- 487 Organizational Theory and Bureaucratic Structure	3
Political Science Electives	9

V. Political Science — Social Science Secondary Education Option

Each academic department in the social sciences (history, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject mat-

ter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

30 Hour Program - 24 hours required courses:

PO 101 Federal Government	3 hours
PO 102 State & Local Government	3
PO 221 Voting Behavior and Public Opinion	3
PO 231 International Relations	3
PO 229,	
324, or	
333 Comparative Government	6
PO 431,	
441, or	
442 Political Theory	6
	<hr/> 24

Plus upper division Political Science electives 6

30 hours

15 Hour Emphasis - 9 hours required courses:

PO 101 Federal Government	3
PO 231 International Relations	3
PO 431 and/or	
441 or	
442 Political Theory	3-6 hours

Plus 3-6 hours of appropriate upper division Political Science courses to be worked out with advisor according to major field of emphasis 3-6

15 hours

Course Offerings

PO Political Science

Lower Division

101 Federal Government — 3 credits

A study of the institutions and processes of the American political system, emphasizing the social, ideological, and constitutional background. Each semester.

102 State and Local Government — 3 credits

A study of the institutions and processes of state and local government with emphasis on constitutionalism, legislatures, governors and reapportionment. Each semester.

141 Contemporary Political Ideologies — 3 credits

An examination of liberalism, communism, fascism, and Nazism, with emphasis on the principal ideas characterizing each "ideology". Each semester.

221 Voting Behavior and Public Opinion — 3 credits

The course will explore the development of public opinion and electoral behavior. Empirical research from a variety of fields will be used in an attempt to understand and analyze the factors that mold popular attitudes and political behavior. Fall semester.

229 Comparative European Governments and Politics — 3 credits

A comparative study of the political systems of selected European nation-states, including Great Britain, France, the German Federal Republic, Italy and the Scandinavian states. The patterns of political culture, political interests, political power, and selected public policy issues will be analyzed. Prerequisite: Federal Government (PO-101) or consent of instructor and approval of Department Chairman. Each semester.

231 International Relations — 3 credits

A study of the nature of relations among nations with particular reference to contemporary international issues; an analysis of motivating factors including nationalism, imperialism, communism, a study of the problem of national sovereignty and its relation to international cooperation. Prerequisite: Federal Government PO-101. Each semester.

SCHOOL OF ARTS & SCIENCES

Department of Political Science

Upper Division

301 American Politics — 3 credits

A comprehensive study of the total American Political System. Special consideration will be given to both past and present political trends with the objective of understanding their probable impact on future developments. Each semester.

303 Introduction to Public Administration — 3 credits

Theory, administrative organization, functions and problems of public governmental units. Prerequisite: Federal Government PO-101. Fall semester.

310 Public Finance — 3 credits

Fiscal aspects of planning and control of governmental units. Principles of taxation and other revenues, government indebtedness, and policy making. (Interdepartmental course with Department of Economics.) Prerequisites: EC 201 and EC 202. Spring semester.

311 International Politics — 3 credits

A comprehensive study of the political institutions, concepts, values, and methods of international politics relevant to the practice of nation-states; examination of foreign policies and objectives of the world's major powers; analysis of contemporary international problems; consideration of theories of international politics. Prerequisite: Federal Government PO-101 or International Relations PO-231 or consent of instructor and approval of Department Chairman. Fall semester.

320 American Policy Process — 3 credits

An examination of the process through which policy is determined, implemented, and adjusted, with emphasis on the role of administrators. Prerequisite: PO 303. Either semester.

324 Comparative Communist Party-State Systems — 3 credits

A comparative study of the political systems of the Soviet Union, Eastern Europe, People's Republic of China, and other Communist Party-States. Selected topics and problems relating to the political institutions and political processes will be presented for defining the patterns of political relationships in these states. Attention is to be given to questions of political theory and political determinants in the development of the Communist Party-States. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Spring semester.

325 Regional Administration — 3 credits

Survey of the organizational arrangements developed for planning, for providing services, and for regulating resources across city and state boundaries. Intergovernmental relations and metropolitan regions will be emphasized. Prerequisites: PO-102, PO-303. Either semester.

330 Issues In Public Personnel Affairs — 3 credits

Survey of the public personnel system; including involvement of the merit system, political control of the bureaucracy, compensation plans, employee relationships and unionism. Prerequisite: PO 303. Either semester.

333 Comparative Governments and Politics of the Developing Nations — 3 credits

A study of the political systems of selected nations in the developing areas of the world, including nation-states in Africa, Asia, and Latin America. The patterns and problems of political development and modernization in the nations will be analyzed. Prerequisite: Federal Government PO-101 or consent of instructor and approval of Department Chairman. Fall semester.

335 United States Foreign Policy — 3 credits

Development of diplomacy from the foundation of the Republic to the present with emphasis on the emergence and continuance of the United States as a world power, and the impact of domestic developments on the formulation of foreign policies. (Interdepartmental course with Department of History.)

401 Constitutional Law — 3 credits

Case study of the American constitutional system and its concepts as revealed in judicial decisions. Prerequisite: Federal Government PO-101. Spring semester.

412 Legislative Behavior — 3 credits

An analysis of the behavior of American state and national legislatures. Special consideration will be given to the impact of constituencies, parties, interest groups, interpersonal relations, and other related factors upon legislators, and the role of the legislature in the American political system. Prerequisite: Federal Government PO-101. Spring semester.

421 International Law — 3 credits

Law of peace, international intercourse, war and threat of war, pacific settlement, principles and practices of international law and their application to international affairs. Prerequisite: Federal Government PO-101 and International Relations PO-231. Fall semester.

422 International Organization — 3 credits

Historical background; the League; basic problems of international entities; the United Nations. Prerequisite: Federal Government PO 101 and International Relations PO 231. Spring semester.

431 American Political Theory — 3 credits

The genesis and development of political thought in the United States from the colonial period to the present. Fall semester.

441 Part I Western Political Theory — 3 credits

The development of political philosophy from Socrates to Machiavelli. Fall semester.

442 Part II Western Political Theory — 3 credits

The development of political thought since Machiavelli. Prerequisite: Part I Western Political Theory PO 441. Spring semester.

451 Comparative Legal Systems — 3 credits

An examination of principal legal systems of the world, with emphasis on ideational foundations, organization, procedures, methods of growth, relationship to political and economic systems, and basic juristic concepts. Prerequisites: Federal Government PO-101, Contemporary Political Ideologies PO-141, and Comparative European Governments and Politics PO-229 or consent of instructor and approval of Department Chairman. Spring semester.

461 Government and Business — 3 credits

A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included. (This is offered as an interdepartmental course with the Department of General Business and is also designated as BG 441 for students undertaking a major program in General Business.) Prerequisites: PO 101 and PO 303. Spring semester.

465 Comparative Public Administration — 3 credits

Systematic examination and comparison of the varied models and theories of administrative systems. The course will cover intranational and international studies. Prerequisite: PO 303. Either semester, offered in alternate academic years. Not offered in 1974-75.

467 Administrative Law — 3 credits

Review of the sources of power and duties of administrative agencies, the rules and regulations made by the agencies through investigation and hearings, as well as judicial decisions and precedents relating to administrative activities. Prerequisite: PO 101, PO 303. Either semester, offered in alternate academic years. Not offered in 1974-75.

469 Intergovernmental Relations — 3 credits

An examination of interunit cooperation and conflict in the American Federal System, including state-local relationships and metropolitan dispersal and integration. Prerequisites: PO 101, PO 102, and PO 303. Either semester, offered in alternate academic years. Offered in 1974-75.

487 Organizational Theory and Bureaucratic Structure — 3 credits

A socio-political analysis of the theories and concepts of complex social organizations, their application to public administration and the inter-relationship between political science and sociological organizational theory. (This course is offered on an interdepartmental basis with the Department of Societal and Urban Studies and is also designated as SO 487 for students undertaking a major program in Sociology or other programs offered by the Department of Societal and Urban Studies.) Prerequisite: Upper Division standing and consent of instructor. Either semester.

498 Senior Seminar (Scope and Methods of Political Science) — 2 credits

An examination of the discipline of Political Science, its central problems and unifying concerns, and an inquiry into the techniques of scientific political investigation as they relate to improved research methods. This seminar is required of all Political Science majors. Fall semester.

PY PHILOSOPHY

Lower Division

101 Introduction to Philosophy — 3 credits

A general background in the various areas of the discipline is presented after which specific philosophical problems are examined in light of the solutions by various philosophers in Western culture. The areas examined include metaphysics, ethics, and epistemology. Each semester.

121 Introduction to Logic — 3 credits

Logic is the science of valid reasoning. To be studied are the logical rules of inference, methods of argumentation, logical problem solving and the nature of logical fallacies. Fall semester.

211 Ethics — 3 credits

Problems of both normative ethics and metaethics are examined. Normative ethics concerns the norms and guidelines of moral behavior. Various solutions are offered in response to the question, "What ought one do, given a moral dilemma?" Metaethics is principally concerned with the nature of ethical statements. Naturalism, intuitionism, and emotivism are thus examined. Spring semester.

231 Philosophy of Religion — 3 credits

The various types of arguments for the existence of God are examined. Various conceptions of the nature of God are explored as well as such problems as the problem of evil and problem of free will. Either semester.

245 Metaphysics — 3 credits

As the core of philosophy, this course includes an examination of (a) the problem of free will vs. determinism, (b) the nature of causation, (c) the problem of personal identity, and (d) ontology. Prerequisite: PY 101. Fall semester.

247 Epistemology — 3 credits

This course covers the theory of knowledge, including (a) an examination of the relationships and the difference between knowledge and belief, (b) an evaluation of the theories of perception and (c) theories of truth. Prerequisite: PY 101. Spring semester.

249 Ancient Philosophy — 3 credits

A study of selected works of Plato and Aristotle. Prerequisite: PY 101. Fall semester.

251 Medieval Philosophy — 3 credits

A study of the works of St. Anselm, Duns Scotus, St. Thomas Aquinas, Abelard, Williams of Ockham, and other contributors to intellectual thought during the Middle Ages. Prerequisite: PY 101. Spring semester.

Upper Division

303 The Age of Absolutism and Reason (Philosophy) — 3 credits

A study of European thought in the seventeenth and eighteenth centuries: The age of absolutism, ideas of the *philosophers* and the crisis of the old regime leading to revolution. Prerequisite: Introduction to Philosophy, PY 101. (Course may be taken either for History credit *or* for Philosophy credit, but not for both.) Either semester, alternate years. Not offered 1974-75.

333 Phenomenology and Existentialism — 3 credits

This course explores the most fundamental of human problems: man is subjective by nature, for he is trapped by his own view of the world; yet the rational mind strives for objectivity. The clash between the two leads man to ask the very basic questions, "Who am I;" and "What is my relationship to the external world;" The former is an existential question and the latter is a phenomenological one. Prerequisite: PY 101. Fall semester.

404 Symbolic Logic — 3 credits

A study of the translation of natural language statements into symbolic form for the purpose of ridding them of ambiguity and of making deductions through the rules of propositional calculus. Prerequisite: PY 121. Spring semester.

406 Philosophy of Science — 3 credits

This course seeks to examine such philosophical questions as the finiteness of the universe, as well as theories concerning the nature and verification of postulated entities. Prerequisite: PY 101 or PY 121. Fall semester.

**DEPARTMENT OF
SOCIAL WORK**

Irene A. Wilcox, *Chairman*

Professor: Wilcox

Assistant Professors: Beck, Huff, Oliver

Field Work Coordinator: Larsen

Clinical Associates: Richard Anderson, Idaho State Penitentiary; Marlene Gahey, Idaho State School and Hospital; Charles Hansen, Veterans Administration Hospital; Kenneth Hopkins, Idaho Commission for the Blind; Elinor Jacobson, Casey Family Program for Youth; John Loudon, Boise Public Schools; Priscilla Martens, Department of Environmental and Community Service; Dennis Neilson, Unified LDS Social Services; George Pelletier, Vocational Rehabilitation Department; Susan Raeder, Idaho State School and Hospital; John Shuler, Child Protection Unit; Jim Sola, Veterans Administration Hospital; Jim Teverbaugh, Department of Environmental and Community Service; Sharon Walker, Youth Service Bureau; Dean Westover, Whittier Public School.

REQUIREMENTS FOR SOCIAL WORK MAJOR

Bachelor of Arts Program

	CREDITS
General College and Major Requirements	128
A. Lower Division Courses	72
English Composition	6
Literature	6
Humanities	6
History	6
Lab Science or Math	12
Speech	3
Economics	3
Intro-Sociology	3
Social Problems	3
General Psychology	3
State and Local Government	3
Intro-Social Work	3
General Electives	15
B. Upper Division Courses	56
Social Welfare	3
Normal Social Functioning	3
Philosophy of Social Work	3
Field Work	6
Social Work Methods	3
Statistics	3
Group Interaction	3
Community Organization	3
Psychology Electives	9
Sociology and Social Work Electives	15
General Electives	3
Senior Seminar	2

81

421-422 Field Work Laboratory — 3 credits

Six hours per week in an agency field placement plus two-hour seminar to integrate theory with practice. Prerequisite: SW-301. Concurrent enrollment in SW-401 (Fall semester) and in SW-402 (Spring semester) and permission of instructor. Each semester.

451 Group Interaction — 3 credits

Dynamics of group behavior. Understanding group interaction and the processes of working with groups. Prerequisite: SW-321. Each semester.

498 Senior Level Seminar — 2 credits

Discussion of topics of particular interest to Social Work students who are planning to enter practice. Prerequisite: senior standing in Social Work. Enrollment of one semester required. Each semester.

SW SOCIAL WORK

Lower Division

101 Introduction to Social Work — 3 credits

Survey of the field of social welfare, and the need for social services in society. Social work function and career opportunities. Required for social work major. Each semester.

Upper Division

301 Social Welfare — 3 credits

Social welfare as an institution. Man and his needs; public vs. private social responsibility. Prerequisite: Introduction to Sociology, SO-101. Each semester.

302 Community Planning and Community Organization — 3 credits

A study of community structure, organization, and attitudes. Techniques for understanding communities; methods of working in communities. Prerequisite: SO-101. Each semester.

321 Normal Social Functioning — 3 credits

A review of human behavior with special emphasis on observation and understanding for social workers. Required for social work majors. Prerequisite: SW 101. Each semester.

401 Social Work Methods — 3 credits

An examination of skills employed to serve individuals, groups, and communities: Interviewing, case work, group work, case recording. Prerequisite: SW-301. Fall semester.

402 Philosophy of Social Work — 3 credits

A study of the philosophy of Social Work, with emphasis on the social and humanitarian values of the profession. Prerequisite: SO-101; SW-301. Each semester.

DEPARTMENT OF SOCIETAL AND URBAN STUDIES

Dr. Patricia M. Dorman, *Chairman*

Professor: Dorman

Associate Professors: Christensen, Scheffer

Assistant Professors: Baker, Corbin, Cox, Harvey, Hopfenbeck, Taylor

Visiting Professor: Pavesic

The Department believes that the condition of urban life in modern society requires a broad, interdisciplinary approach to provide competency and knowledge in the areas of societal and urban studies. In addition, the curriculum offers current perspectives for resolving many of the existing problems which face man. It provides an opportunity for each student to gain both the scientific and practical knowledge in three disciplines: sociology, anthropology and criminal justice administration.

Capitalizing on a variety of fields, the Department offers students an opportunity for entry into the rapidly growing occupational areas of personal services in urban society. The Department also offers a sound undergraduate curriculum preparatory to graduate study in each baccalaureate program.

CRIMINAL JUSTICE ADMINISTRATION

General College and core requirements to meet either Bachelor of Arts or Bachelor of Science program as given on page 30-32 except:

- A. Criminal Justice majors are required to take: 20-23
- Defensive Tactics*1
 - Fundamental Concepts of Math4
 - Fundamentals of Speech-Communication3
 - Contemporary Economic Problems3
 - Federal Government3
 - State and Local Government3
 - Principles of Accounting3
 - Business English**3
- B. Major Requirements18
- Lower Division18
 - Law Enforcement in Modern Society3
 - Patrol Administration3
 - Jail Administration3
 - Law of Criminal Evidence3
 - Criminal Investigation3
 - Vice and Organized Crime3
 - Upper Division24
 - Administration of Justice3
 - Police Organization and Management3
 - Criminal Law3
 - Contemporary Law Enforcement Problems3
 - Comparative Law Enforcement Administration, or Introduction to Criminalistics3
 - Abnormal Psychology3
 - Juvenile Delinquency3
 - Criminology3
- C. Electives16-18
- Upper Division Criminal Justice (Electives)6
 - Upper Division (Electives)10-12

* The following courses are strongly recommended: Judo, Self Defense

** Required of students who do not meet competency standards

ASSOCIATE OF SCIENCE

CREDITS

- A. Criminal Justice majors are required to take: 38-41
- Defensive Tactics1
 - Fundamental Concepts of Math4
 - Lab Science4
 - English Composition3 or 6
 - Literature3
 - History3
 - Fundamentals of Speech-Communication3
 - Contemporary Economic Problems3
 - Federal Government3
 - State and Local Government3
 - Principles of Accounting3
 - Business English**3
- B. Major Requirements18
- Law Enforcement in Modern Society3
 - Patrol Administration3
 - Jail Administration3
 - Law of Criminal Evidence3
 - Vice and Organized Crime3
 - Criminal Investigation3

The following courses are strongly recommended:
HY 102, 103 — History of Western Civilization
Mathematics — 8 hours
P 101 — Introduction to Psychology

REQUIREMENTS FOR SOCIAL SCIENCE MAJOR

Bachelor of Arts Program

- I. Liberal Arts Option
1. General College and Basic Core requirements:
 2. Social Science requirements:
- CREDITS
- A. Lower Division Courses 21
- Anthropology or Geography 3
 - Economics 3
 - Political Science 3
 - Sociology 3
 - Social Science Electives 9
- B. Upper Division Courses (Select from the following combinations twelve credits in one field and six credits in two other fields): 24
- Anthropology
 - Economics
 - Political Science
 - Sociology
 - Psychology

REQUIREMENTS FOR SOCIOLOGY MAJOR

1. General College and core requirements to meet *either* Bachelor of Arts or Bachelor of Science Program* as given on page 30-32.
2. At least 78 credit hours in fields other than sociology, including at least 15 hours in a single field or in a related group of subjects as defined by the individual student in consultation with his advisor.
3. At least 29 credit hours in Sociology including:

CREDITS

- Introduction to Sociology 3
- Elementary Social Statistics 3
- Social Research 3
- History of Sociology 3
- Current Sociological Perspectives 3
- Sociology Seminar 2
- Group 1 Courses 3
 - Population
 - Sociology of the Family
 - Sociology of Religion or
 - Racial and Cultural Minorities
- Group 2 Courses 3
 - American Society
 - Social Institutions
 - Social Stratification
 - Industrial Sociology
 - Rural Community or
 - Urban Community
- Group 3 Courses 3
 - Social Change or
 - Social Psychology
- Group 4 Courses 3
 - Deviant Behavior and Social Control
 - Juvenile Delinquency
 - Criminology or
 - Social Problems

Sociology — Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

SCHOOL OF ARTS AND SCIENCES
Department Of Societal And Urban Studies

	Credit Hours
1. General College and Basic Core requirements	18-39
2. 2 approved taching minors, 15 hours each	30
(minors to be selected from the following field: Political Science, Anthropology, History or Economics)	
3. Sociology courses	30
(required courses are the same as for the Sociology major above, including at least 15 upper division hours)	
4. Education courses to meet Idaho State Department of Education Certification requirements for teachers in Secondary Education	20
5. State requirements for teacher certification, including U.S. History 6 hours	
American Government 3 hours	9
6. Electives to complete a total of 128 credit hours, including 40 upper division credit hours	0-21
15 Hour Emphasis for Social Science Secondary Education options: To include So-101 Introduction to Sociology and at least 6 upper division hours.	

**15 hour Anthropology emphasis in Social Science -
Secondary Education options**

Required courses	9 credit hours
AN 202 Cultural Anthpology	3
AN-201 Physical Anthropology	3
AN-311 Peoples and Cultures of the World.	3
Upper Division Anthropology Electives	6 credit hours

Course Offerings

AN ANTHROPOLOGY

Lower Division

201 Physical Anthropology — 3 credits

An introduction to the fossil evidence for human evolution, population genetics, human variation, and the study of living primates with emphasis on behavior. Each semester.

202 Cultural Anthropology — 3 credits

The meaning of culture; its significance for human beings; similar and diverse forms and degrees of elaboration of culture in relation to technology, economic systems, social organization, values and beliefs. Each semester.

203 Introduction to Archaeology — 3 credits

An introduction to the historic background and basic techniques of archaeological excavation. The methods and theory used to reconstruct prehistoric cultures, their environmental settings, their activities and their histories. Fall semester.

Upper Division

303 Old World Prehistory — 3 credits

An in-depth study of the evolution of man and the development of culture. The course traces man's development from the first known evidence of cultural behavior (ca 2 1/2 million years ago); the development of man during the "Ice Age;" the spread of man throughout the Old World; the domestication of plants and animals; and the rise of civilization. Prerequisite: AN 202. Either semester.

307 Indians of North America — 3 credits

A general survey with emphasis on the description and analysis of native cultures and the role of environment and historical factors in North America. Prerequisite: AN-202. Either semester.

311 Peoples and Cultures of the World —3 credits

The cultural patterns of representative aboriginal peoples Technology, subsistence, social organization, and supernaturalism considered with a view toward environmental adjustment, historical development and functional interrelations. Prerequisite: AN 202 or consent of instructor. Either semester.

315 Indian Peoples of Idaho —3 credits

A study of the prehistoric and recent cultures of the native peoples of Idaho. Topics will include the interpretation of ancient Idaho cultures, the distinctiveness of the recent tribal groupings and the relationship between past and present Idaho societies to those of the Great Basin, Interior Plateau and Northern Plains. Alternate years, either semester. Will be taught Fall, 1974.

412 Archaeology of North America — 3 credits

A survey of prehistoric cultures of North America north of Mexico. The course includes a history of ideas about native American origins and antiquities along with demonstrating regional societal complexity on the continent. Special emphasis is given to the study of early man and the cultures of the Eastern Woodlands, the American Southwest and the Intermountain West. Prerequisite: AN 203 or consent of instructor. Either semester.

421 Theory and Method in Archaeology — 3 credits

A survey of the philosophical and theoretical foundations of archaeology. Includes the developments in methodology and technical advances as applied to archaeological research. Prerequisite: AN 203. Either semester.

CR CRIMINAL JUSTICE ADMINISTRATION

Lower Division

201 Law Enforcement in Modern Society — 3 credits

A study of philosophy, history, objectives, and the functions of law enforcement as an institution; institutional relationship to society; general overview of the administration of justice. Spring semester.

212 Jail Administration — 3 credits

Historical development of local detention facilities, present and future trends of operation and administration. Operation of programs for the sentenced misdemeanant, first offenders, female and juvenile offenders. Special problems relative to inmate social interaction and supervision of prisoners. Prerequisite: CR-201. Fall semester.

215 Patrol Administration — 3 credits

The Patrol function as the fundamental police operation; multi-level decision and policy making processes; determination of functional areas of patrol responsibility. Prerequisite: CR-201 or instructor permission. Fall semester.

225 Vice and Organized Crime — 3 credits

The history, cause, nature, and control of vice and organized crime are studied. Prerequisite: CR-201. Spring semester.

231 Criminal Investigation — 3 credits

Designed to acquaint the student with investigation as it involves the application of the investigative process in criminology, discovery and preservation of evidence, investigative report organization and content of investigative reports, and evidentiary proof of the elements of crime. Prerequisite: CR-201. Spring semester.

275 Law of Criminal Evidence — 3 credits

Presentation of the laws and rules of evidence, burden of proof, exclusionary rule, presumption, opinion evidence, and leading court cases involving the presentation and acceptability of evidence. Witness examination procedures and related legal problems are presented. Prerequisite: CR 201 Fall semester.

Upper Division

301 Administration of Justice — 3 credits

A study of the administration of justice affected by jurisprudence, Rules of Criminal Procedure, and Law of Evidence. Fall semester.

321 Criminal Law — 3 credits

An analysis of the Law of Arrest, Search, and Seizure, and criminal law and its effect on the enforcement of the tolerance limits of society. Spring semester.

331 Probation and Parole — 3 credits

Historical development, organization, operation, purpose and outcome of post-conviction release programs. Included will be probation, parole, work-release and others. Analysis of program effectiveness. Review of the role of the probation and parole counselor within the program framework. Prerequisites: P-101 and SO-101, or instructor permission. Spring semester.

***340 Principles of Interviewing — 3 credits**

Familiarization with the elements of the interviewing process for law enforcement personnel. Included are both the counseling and interrogative aspects with a view to promoting effective and productive relationships within any interviewing situation. Prerequisite: P-101. Fall semester.

351 Police Organization and Management — 3 credits

The principles of organization and management as applied to law enforcement administration, current and future problems in criminal justice administration. Special course materials cost \$6.00. Prerequisite: CR-201. Fall semester.

361 Correctional Administration — 3 credits

History of correctional institutions; present and future trends of handling the offender in the community and through institutionalization. Review of the President's Task Force Report on Corrections. Organization and program structure within a penal institution. Prerequisite: SO-101, Introduction to Sociology, or instructor permission. Each semester.

***380 Introduction to Criminalistics — 3 credits**

Introduction to theory and application of physical science to the field and laboratory investigation of crime. Applicable to both advanced field investigations and laboratory techniques. Prerequisite: CR-201. (Alternate years.) Spring semester.

411 Contemporary Law Enforcement Problems — 3 credits

Exploration of current and anticipated administrative/procedural areas of difficulty as they result from: Changing public opinion, employee needs and demands, court precedent and decision, and progressive developments and experimentation within law enforcement. Prerequisite: Upper Division CJA standing. Spring semester.

420 Private and Industrial Security — 3 credits

Philosophy and techniques of operation in the areas of security organization and management, investigations, physical plant and personnel security, and legal and jurisdictional limitations. Prerequisite: upper division CJA standing. Fall semester.

***451 Comparative Law Enforcement Administration — 3 credits**

An analysis and comparison of law enforcement systems at the Federal, State, and local levels, and International systems. Prerequisite: CR-201. (Alternate years.) Spring semester.

* Limited to Criminal Justice Administration majors.

SO **SOCIOLOGY

Lower Division

101 Introduction to Sociology — 3 credits

Introduction to the sociological perspective; analysis of the basic elements of human groups and societies; culture, social organization, socialization; inequality, and population. Each semester.

102 Social Problems — 3 credits

Application of the sociological perspective to contemporary problems associated with the structure of American society. Each semester.

240 Sociology of the Family — 3 credits

An analysis of courtship, marriage, kinship, and family patterns in the United States and selected societies. Theories and facts of the relationship of these patterns to the larger society. Prerequisite: SO-101. Either semester.

250 Population — 3 credits

The theory of population from Malthus to the present. (1) Social factors that influence population size, such as birth control and inadequate housing; (2) composition of the population; past and present trends of populations. Prerequisite: Introduction to Sociology SO-101. Either semester.

Upper Division

305 Racial and Cultural Minorities — 3 credits

Analysis of inter-ethnic contacts. The development of racial attitudes; theories relating to causal factors of prejudice and discrimination. Prerequisite: Introduction to Sociology SO-101 or General Psychology P-101. Either semester.

310 Elementary Social Statistics — 3 credits

The application of measurements to sociological data. Basic statistical measures, techniques for their application, meaning and use in research. Recommended for majors, to be taken in the Junior year and followed by SO 311. Prerequisite: SO-101, High School Algebra, upper division status. Fall semester.

311 Social Research — 3 credits

An introduction to the empirical basis of modern sociology; methods of research design and the statistical analysis of social data. Prerequisite: Introduction to Sociology SO-101 and Elementary Social Statistics SO-310. Spring semester.

321 American Society — 3 credits

An analysis of American society in terms of the growth, structure, and change of its major social institutions; economy, government, religion, education and family. Prerequisite: Introduction to Sociology SO-101. Either semester.

325 Sociology of Aging — 3 credits

Analyzes aging as a social process, emphasizing the changing role as a result of the process, the demands made on and by society because of the way it defines and deals with age, and the problems created for society and for the aged as a result of values, attitudes and beliefs. Either semester.

331 Deviant Behavior and Social Control — 3 credits

Analysis of the forms and causes of social deviancy, how social systems control behavior through the socializing process, the sanction system and the allocation of prestige and power. Prerequisite: Introduction to Sociology SO-101. This course may be used as either Sociology or Criminology credit. Either semester.

351 Social Institutions — 3 credits

Study of the basic institutions. An analysis of values, norms, and behavior organized around the important goals of society. Prerequisite: SO-101. Either semester.

SCHOOL OF ARTS AND SCIENCES
Department of Theatre Arts

361 Industrial Sociology — 3 credits

Study of the social organization of work in industrial society with attention to internal human relations and to the external relations in the community. Prerequisite: SO-101. Either semester.

401 History of Sociology — 3 credits

Presociological perspectives on society from ancient times to the present. Relationships of social thought and social structure. Theories of selected sociologists. Prerequisite: SO-101 and upper division status. Fall semester.

402 Current Sociological Perspectives — 3 credits

Major theoretical issues in contemporary sociology; works of leading contemporary sociologists. Prerequisite: SO-101 and upper division status. Spring semester.

403 Social Change — 3 credits

This course will study the factors influencing the acceptance or rejection of innovations, and their effects on social institutions. Prerequisites: SO 101 and upper division status. Either semester.

407 Sociology of Religion — 3 credits

A study of religion as a social phenomenon. Prerequisite: SO-101 and upper division standing. Offered alternate years — Either semester.

415 Juvenile Delinquency — 3 credits

A study of causation, treatment, and control of juvenile delinquency. Prerequisite: SO-101. This course may be used as a Sociology or Criminology credit. Either semester.

417 Criminology — 3 credits

Sociology as applied to the study of "crime" as defined by the laws of society; the possible causes of criminal behavior and the way society attempts to control criminal behavior. Prerequisite: SO 101. This course may be used as a Sociology or Criminology credit. Either semester.

421 Social Stratification — 3 credits

Examination of the theoretical and methodological problems in the study of the wealth, prestige and power distribution of local and national stratification systems; implications for the functioning of communities with emphasis on the problems of poverty. Prerequisite: SO-101. Spring semester.

424 Rural Sociology and the Emerging Nations — 3 credits

The sociological study of rural life in agrarian society and the phenomena of the emerging nations. Prerequisite: SO 101. Either semester.

425 The Urban Community — 3 credits

An examination of the changing growth, demographic, stratification and institutional structure of urban communities; the causes of urbanization and its consequences for individual and group interaction. Prerequisite: SO-101. Either semester.

431 Social Psychology — 3 credits

Social factors affecting individual behavior; formation and change of attitudes; social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations. This course may be taken for either Psychology or Sociology credit, but not for both. Prerequisite P 101 or SO 101. Either semester.

487 Organization Theory and Bureaucratic Structure — 3 credits

A socio-political analysis of the theories and concepts of complex social organizations, their application to public administration and the interrelationship between political science and sociological organizational theory. (This course is offered on an interdepartmental basis with the Department of Political Science and is also designated as PO 487 for students undertaking a major program in Political Science.) Prerequisite: Upper Division standing and consent of the instructor. Either semester.

498 Sociology Seminar — 2 credits

Intensive study of selected problems in sociology. Prerequisite: Senior standing in Sociology major. Spring semester.

**DEPARTMENT OF
THEATRE ARTS**

Dr. Robert E. Ericson, *Chairman*

Professor: Shankweiler

Associate Professor: Ericson, Lauterbach

Assistant Professors: Corbett, Heise

Instructors: Bedard

**REQUIREMENTS FOR
THEATRE ARTS MAJOR**

Bachelor of Arts Program

General college requirements as listed under college requirements. Bachelor of Arts degree except:

- A. Theatre Arts majors are required to take two hours of Physical Education courses as specified by their advisor, (i.e., fencing, dance, gymnastics, etc.)

	CREDITS
B. Area I :	12
Intro to Theatre and Intro to Art or Music	6
Dramatic Literature	3
Elective Literature course	3
C. Area II :	12
History of Western Civilization	6
General Psychology	3
Elective	3

- D. The department recommends that Theatre Arts majors take one year of a foreign language.



MAJOR SUBJECT REQUIREMENTS

THEATRE:

Introduction to Theatre	3
Technical Theatre	6
Acting (lower division)	3
Stage Voice	3
World Drama	6
Directing	3
Theatre History	6
Contemporary Drama	3

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(Upper Division — 21)

SECONDARY EDUCATION:

Departmental requirements for the Secondary Education Option are the same as regular theatre major plus:

TA-402 Directing

E-345 or E-346 Shakespeare is substituted for Contemporary Drama TA-445

The student must also satisfy the requirements for teacher certification.

THEATRE ARTS MAJOR

Bachelor of Arts Program

(Suggested Sequence: departmental requirements are indicated by asterisks)

THEATRE EMPHASIS:

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Physical Education*	1	1
Laboratory Science	4	4
General Psychology*	—	3
Introduction to Theatre*	3	—
Technical Theatre*	3	3
Introduction to Art or Music	—	3
	14	17

SOPHOMORE YEAR:

Literature Elective	3	—
Dramatic Literature*	—	3
Western Civilization*	3	3
Acting*	3	—
Social Science Elective	3	—
Laboratory Science	—	4
Oral Interpretation	3	—
Electives	1	6
	16	16

JUNIOR YEAR:

Foreign Language	4	4
Stage Voice*	3	—
World Drama*	3	3
Electives (Upper Division)	6	8
	16	15

SENIOR YEAR:

Directing*	3	—
Theatre History*	3	3
Electives (Upper Division)	6	9
Contemporary Drama*	3	—
Theatre Theory & Criticism	—	3
	15	15

SECONDARY EDUCATION EMPHASIS:

FRESHMAN YEAR:

	1ST SEM.	2ND SEM.
English Composition	3	3
Physical Education*	1	1
Laboratory Science	4	4
Fundamentals of Speech	3	—
General Psychology*	—	3
Introduction to Theatre*	3	—
Technical Theatre*	3	3
Electives	—	3
	17	17

SOPHOMORE YEAR:

Literature Elective	3	—
Dramatic Literature*	—	3
Western Civilization*	3	3
Laboratory Science	—	4
Social Science Elective	3	—
Oral Interpretation	—	3
Acting*	3	—
Electives	4	3
	16	16

JUNIOR YEAR:

Foreign Language	4	4
Stage Voice*	3	—
Shakespeare*	—	3
Speech for Teachers	—	3
Educational Psychology	3	—
Foundations of Education	—	3
Philosophy	3	—
World Drama*	3	3
	16	16

SENIOR YEAR:

Directing*	3	3
Theatre History*	3	3
Secondary School Methods	3	—
Education Elective	—	3
Practice Teaching	3	—
Electives	—	6
	15	15

Course Descriptions

TA THEATRE ARTS

Lower Division

107 Introduction to Theatre — 3 credits

A survey course designed to stimulate an appreciation of drama and allied art forms, through the study of the history of theater, dramatic literature and techniques. Each semester.

117-118 Technical Theatre — 3 credits

Provides the student with a practical knowledge and skill in the principles of the technical aspects of theatre; the mechanical characteristics of the stage and the elements used in productions; development of drafting skills, problem solving in staging, and the rudiments of lighting and design. Three hours of lecture plus four hours of lab per week required. Fall, Spring semesters.

162 Stage Make-up — 2 credits

Investigation of and production analysis of stage make-up; the relationship of actor to play and audience; an integration of make-up and other technical aspects that influence this particular art. Practical application is performed. Fall semester.

215-216 Acting — 3 credits

Entails study of and practice in the basic principles, terminology, and disciplines of the acting art. Fundamentals of

SCHOOL OF ARTS AND SCIENCES

Department Of Theatre Arts

speech and movement for the actor, appraisal and analysis of stage techniques, acting theories and practices, and recent internationally representative roles are investigated. One hour lecture, two hours lab per week required. Fall, Spring semesters.

220 Cinema: History and Aesthetics — 3 credits

An examination of the beginnings and development of motion pictures with attention given to the qualities peculiar to cinema which give it validity as a unique art form. Offered in the fall semesters.

Upper Division

311-312 Advanced Acting — 3 credits

Intensive study in the problems of the actor in Classical Drama, Shakespearean Drama, Restoration Comedy and the modern realistic play. Skills and techniques are applied to the production of actual scenes of the categorized type. Prerequisite: TA 215-216 or consent of instructor. Fall, Spring semesters. Alternate years.

331 Major Production Participation — 1 credit

Significant participation in a major college production in some phase of technical theatre or acting or management. One hour of credit allowed per semester, maximum 4 credit hours. Each semester.

333 Stage Voice — 3 credits

Techniques and practice in the use of the voice in the theatre with emphasis on diction, projection, and vocal flexibility, as applied in work with actual scenes. Either semester.

334 Advanced Oral Interpretation — 3 credits

Analysis and oral presentation of advanced literary works in prose, poetry and drama. Course includes dramatic interpretation, program recitals, reader's theatre and continued practice in vocal development. Prerequisite: CM 241 or consent of instructor after audition. Offered spring semester.

341 World Drama 500 BC-1570 — 3 credits

Study of outstanding selections of dramatic literature. The plays are studied from a theatrical point of view, i.e., they are approached as scripts intended for production as well as examples of literary form. Alternate Fall semesters.

342 World Drama 1570-1870 — 3 credits

Same as TA 341, except that the period covered is from 1570 A.D. through 1870. Alternate Spring semesters.

343 World Drama 1870 to 1960 — 3 credits

Same as TA 341 except that the period covered is from 1870 to 1960. Alternate Spring semesters.

351 Elements of Scenic Design — 3 credits

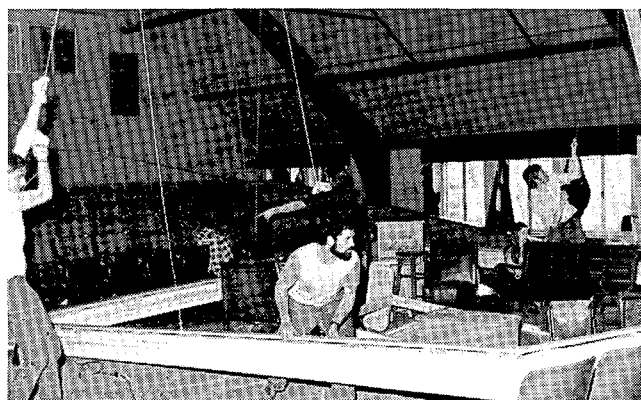
Major skills of beginning design. Included will be art techniques for theatre, research in major periods of scenic design, examination of major designers' works, and practical experience in designing for all major types of stages. Prerequisite: TA 117-118. Fall semester.

352 Costume Design — 3 credits

Major skills of beginning costume design. Included will be art techniques for theatre; research in major periods of costume design; examination of major costume designers' works, and practical experience in designing for all manner of productions. Prerequisite: TA 117-118. Alternate Spring semesters.

362 Stage Lighting Design — 3 hours credit

A study of the theories, principles and practices of stage lighting including both aesthetic conception and practical application. Script analysis and lighting theory applied to actual designs for various stages and productions. Prerequisite: TA-117-118. Alternate spring semesters.



401-402 Directing — 3 credits

Basic theory and techniques of stage directing. Includes the direction of scenes and one-act plays. Special problems in directing are presented. Prerequisite: Upper Division standing. Each semester.

421g-422g Theatre History — 3 credits

Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.

431 Advanced Scenic Design — 3 credits

Entails solving difficult design problems in the staging of multiple scenes, experimentation with new styles of staging, and designing and executing sets and lights for student productions. It shall include the complete planning of a design for a relatively complex play. Prerequisite: TA 351 and consent of instructor. Spring semester.

445 Contemporary Drama — 3 credits

A study of world drama since 1960 with an emphasis on current research materials and techniques. Spring semester.

451 Theatre Theory and Criticism — 3 credits

Aesthetic theory as it pertains to the art of the theatre; script and production analysis based upon theoretical principles, and their practical application. Prerequisite: Senior standing. Alternate fall semesters.

461 Experimental Theatre — 2 credits

Investigation and clarification of the values in new trends and techniques of the theatre art. The purpose is to determine the most effective means of theatrical communication with the contemporary audience. Prerequisite: Junior standing or consent of instructor. Fall semester.

463 Theatre Management — 2 credits

Study and practice of the style and development of public communications for theatre through individual and mass media, the organization and execution of financial, statistical data, and the operation and control of the mechanical process of presenting theatre productions to the public. Prerequisite: Junior standing. Spring semester.

487g-488g Children's Theatre — 3 credits

Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children's theatre production; selection and mounting of a selected script. Fall, Spring semesters.

491 Senior Projects — 3 credits

A culminating work for the theatre major. The student will completely research, plan, and execute a theatrical endeavor relative to his emphasis in theatre. This endeavor will be accompanied by a formally written, fully documented thesis describing his production and the concept involved. Spring semester.

GRADUATE COURSES OFFERED BY SCHOOL OF ARTS & SCIENCES

These courses are intended as part of the MA in Elementary Education Programs. They are offered in response to needs indicated specifically by The School of Education.

AR ART

AR-521 Teaching Through Experimental Art Media

— 3 credits (summer school only)

AR-522 Teaching Through Experimental Art Media

— 3 credits (summer school only)

Varied and unusual experimental art media to be used in conjunction with individual teaching techniques. Students will have the opportunity to solve procedural problems and adapt art media to teaching experiences. Some outside reading will be required; however, most work will be done in class. A reading bibliography will be required, as well as a written paper. Six studio hours per week. Prerequisite: Graduate standing.

Selected Topics in the following functional areas
will be offered as staff availability permits —
3 credits each

AR-580 Selected Topics — Drawing

AR-581 Selected Topics — Painting

AR-582 Selected Topics — Art History

AR-583 Selected Topics — Advertising Design

AR-584 Selected Topics — Printmaking

AR-585 Selected Topics — Ceramics

AR-586 Selected Topics — Sculpture

AR-598 Seminar in Art — 3 credits

Upon selection of an approved topic, the student will research it thoroughly, present an annotated bibliography, and present an oral report of the topic, utilizing visual material in his presentation. The student will then present a research paper concerning his topic. Prerequisite: Graduate standing. One semester.

GO GEOLOGY FOR ELEMENTARY TEACHERS

GO-511 Environmental Geology — 3 credits

Environmental Geology deals with the geologic aspects of man's interaction with his environment. Topics considered include energy sources, conservation of metallic and non-metallic mineral resources, soil and water conservation, the water cycle, earthquakes, volcanism, mass-wasting and other geologic hazards. The resource needs of our expanding population are contrasted with the growing requirement for the protection of our frail environment. Prerequisites: Physical Geology GO-101, Fundamentals of Geology GO-100 or consent of instructor.

GO-521 Advanced Topics in Earth Science — 3 credits

The study, review, and discussion of current literature, classroom and laboratory demonstrations, teaching aids and preparation of field trips itineraries relative to geology, astronomy, meteorology, and oceanography. The course is designed to provide background knowledge, skills, and material resources that can be directly applied to increase the students capability to teach earth science in the elementary and secondary school. Prerequisite: Consent of instructor.

GO-597 Independent Study and Research — 1-4 credits

Field or library research project. Student may work on his own problem or select from a list provided by instructor. Weekly progress meetings, final report. Prerequisites: Physical Geology or Fundamentals of Geology and/or consent of instructor.

GS GENERAL SCIENCE — FOR ELEMENTARY TEACHERS

GS-501 History of Science Since 1500 — 3 credits

History of Science is a survey of man's efforts to understand the natural world. The contributions of ancient cultures to the development of science are presented as an introduction to the evolution of science since the 16th century. A survey of the rise of "modern science" since 1500 A.D. will emphasize the historical development of modern scientific thought. Historical illustrations of the nature of scientific research and the roles of empiricism, technology, government and scientific societies in the evolution of science will be presented. Prerequisite: Consent of instructor.

HY HISTORY

HY-334g United States Social and Cultural History

— 3 credits

Selected social and cultural themes from colonial times to the present. Attention will be given to the nature and meaning of the United States national experience by examining customs, traditions and intellectual developments in their historical context. Prerequisite: HY 151, 152 recommended. Either semester, alternate years.

M MATHEMATICS FOR ELEMENTARY TEACHERS

M-503 Algebraic Systems — 3 credits

Number systems and other algebraic systems from a modern point of view. The emphasis will be on the concept of algebraic structures. Prerequisite: M-104. First semester.

M-504 Geometric Concepts — 3 credits

Informal geometry and topology. The emphasis will be on problem solving techniques and pattern recognition. Prerequisite: M-104. Second semester.

MU MUSIC

MU-571 Advanced Practices and Principles in Teaching

Music in the Elementary School — 3 credits

The course is designed to extend the professional teacher's knowledge of teaching techniques and curricula of the elementary school classroom music program. Included will be problems in teaching elementary school music, the teaching of reading skills in music, the non-singer in the classroom, creative musical activities to be used in the classroom, new approaches to music education such as the *Threshold to Music* and *Manhattanville Music Curriculum Program*, and the survey of pertinent research relevant to the development of musicality in young children. Spring Semester. Prerequisites: Public School Music, MU-371, general or special experience in classroom teaching, or consent of instructor.

MU-572 Listening and Singing Experiences for the Elementary School — 3 credits

This course is designed to present in-depth experiences in musical works and songs which can be used in the elementary classroom. Phonograph recordings, music series books and films will be surveyed and examined for use in the classroom. New media approaches will be introduced for the building of concepts of music perception. Ways of integrating listening works with singing activities through a conceptual approach will be stressed. Also emphasized will be ways of correlating musical activities with the areas of literature, painting, sculpture and architecture. Students will be directly involved in teaching lessons within the class. Prerequisites: Public School Music, M-371, experience in general or special classroom teaching, or consent of instructor. Fall semester.

SCHOOL OF ARTS & SCIENCES

Graduate Courses

PS PHYSICAL SCIENCE — FOR ELEMENTARY TEACHERS

PS-501 Basic Physical Science for Elementary Teachers — 3 credits

An introduction to the basic ideas of physical science including matter, motion, energy, electricity, magnetism, heat, light, sound, wave motion, atomic energy, and astronomy. Elementary concepts will be discussed and demonstrated with emphasis on methods that can be used by elementary school students. Students will be expected to make one demonstration to present to the class during the course. Prerequisite: None.

TA THEATRE ARTS

TA-421g Theatre History — 3 credits

TA-422g Theatre History — 3 credits

Investigation of the periods of major importance in the development of theatre. The first semester will include the period from 800 B.C. through approximately 1550 A.D.; the second semester from the Elizabethan period through the end of the 19th century. Fall, Spring semesters.

TA-487g Children's Theatre — 3 credits

TA-488g Children's Theatre — 3 credits

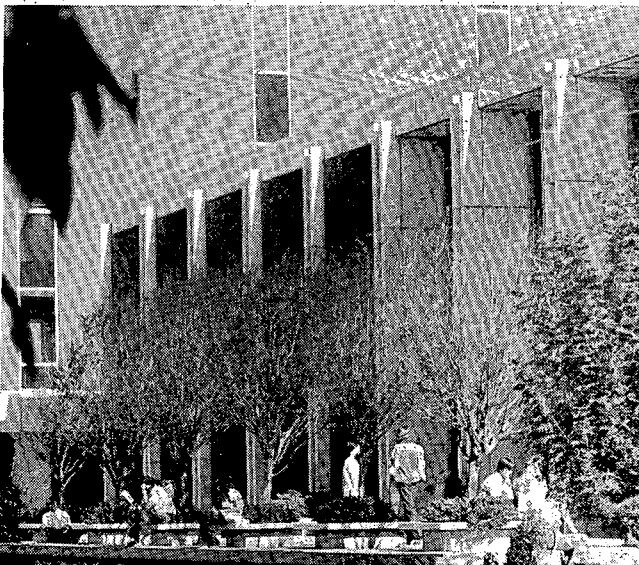
Preparation for successful work in the production of plays for primary school audiences. Theory and techniques of children's theatre production, selection and mounting of a script. Fall, Spring semesters.

The following courses are intended to support the MBA program, and are offered at the expressed request of the School of Business.

M MATHEMATICS FOR MBA

M-561 Mathematics for Operations Research — 4 credits

An introduction to mathematical techniques commonly used to solve problems which call for a decision based on evaluation of several variables. Matrices, calculus, probability and statistics from the user's point of view. Solution of deterministic problems by linear and non-linear programming and the simplex method with emphasis on applications in management decision situations. Introductory dynamic programming as a method for solution of stochastically controlled systems. Prerequisite: Consent of instructor. Each semester.



MINORITY INTEREST COURSES

Courses offered at Boise State College that emphasize racial minority culture, contributions and problems are listed below. These courses are open to all students on campus. Since there is a new awareness on the campus of minority needs, the curriculum is always changing. Students are advised to carefully read the class schedule each semester to check on new courses.

Anthropology	AN 201 Physical Anthropology
	AN 202 Cultural Anthropology
	AN 307 Indians—North American
	AN 315 Indian People of Idaho
English	E 219 No. American Indian Folklore and Literature
	E 213 Afro-American Literature
	E 215 Far Eastern Literature
	E 497 Women in Literature
	HW 497 Japanese Heritage
History	HY 315-16 History of the Far East
	HY 355 The American West
	HY 356 The Indian in American History
	HY 363-64 U. S. Social & Cultural History
	HY 297-497 Special Topics:
	Lewis and Clark
	20th Century American Indian
	Pacific Northwest Indian Curriculum Planning
	Minorities in U. S. History (this 297 course will meet CORE requirement for History)
Sociology	SO 305 Race and Cultural Minorities
	SO 424 Rural Sociology and Developing Nations

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The first part of the chapter discusses the importance of the business plan in the success of a new venture. It emphasizes that a well-thought-out plan is essential for securing financing and guiding the company's growth. The plan should cover all aspects of the business, from market analysis to financial projections.

The second part of the chapter focuses on the financial aspects of the business plan. It details how to conduct a thorough financial analysis, including estimating startup costs, determining the break-even point, and projecting future revenue and expenses. This section also discusses the importance of having realistic financial goals and the ability to adapt the plan as the business evolves.

PART 4

School of Business

SCHOOL OF BUSINESS

Dean: Charles D. Lein, Ed.D.

Assistant Dean and MBS Program Coordinator: J.G. Doss, M.S.

Departments and Faculty

Department of Accounting and Data Processing:

Dr. Curtis Graham, *Chairman*

Professor: Graham

Associate Professors: Bell, Carson, Koester, H. Nix

Assistant Professors: Bradley, Maxson, Medlin, H. Nix, Silvester, Shannon

Department of Business Education and Office Administration:

Dr. Marvin Clark, *Chairman*

Professors: Clark, Cornwell

Associate Professors: Albertson, Brender, Johnson

Assistant Professors: Bounds, Brender, Crumpacker, Manship, Williamson

Emeriti: Bushby, Roe

Department of Economics:

Dr. Ellis Lamborn, *Chairman*

Professor: Lamborn

Associate Professors: Billings, Hart,

Assistant Professors: Asmus, Eastlake, Holley, Mitchell, Payne

Department of Management and Finance:

Dr. Charles Phillips, *Chairman*

Professors: Lein, Phillips, Wilson

Associate Professors: Allen, Gill, Keller, Tipton, Waldorf, White

Assistant Professors: Daflucas, Doss, Dunn, Fitzpatrick, Groebner, Lyon

Emeritus: Edlefsen

Department of Marketing and MidManagement:

Dr. Duston Scudder, *Chairman*

Professors: Scudder, Young

Associate Professors: Godfrey*, Knowlton

Assistant Professors: Lane, Ott

* School of Business Internship Coordinator

Summary of Faculty by Rank:

Professors	9
Associate Professors	19
Assistant Professors	21

OBJECTIVES

The broad scope of offerings within the School of Business embraces a variety of objectives. In general, the school seeks to prepare students for positions of responsibility in business and government and to provide education which assists students in becoming responsible members of the democratic society and the economic system in which we live.

More specific objectives would include:

(1) The preparation of graduates for management training entrance into business oriented fields, providing a broad background of liberal and occupational oriented courses.

(2) The preparation of graduates for entrance positions in specialized occupations such as sales, accounting, or office management.

(3) The education of business oriented workers for positions requiring less than the normal 4-year course of study through specialized curricula.

(4) The preparation of non-business students as well as business students for assumption of citizenship responsibilities in their future relationships with the business world.

(5) The preparation of graduates for entrance into graduate schools of business or public administration.

(6) The preparation of business teachers for positions at the high school level and beyond.

SPECIAL REQUIREMENTS AND OPTIONS

The Bachelor of Business Administration degree is available by completing all requirements for that degree as listed on the following pages under the appropriate major. Additionally, School of Business students may qualify, at their option, for the BA or BS degree by completing the additional liberal arts or science courses required for those degrees. (See pages 30-32 for BA or BS requirements). Faculty advisors should be consulted about these additional requirements.

Advanced Placement. Students with a background in material covered by a specific course because of training in high school, business college, or work experience, may request direct placement in higher level courses of that area. Any credit hours saved by such placement may be used as electives, CLEP or challenge examinations are available for this purpose.

Two-year Programs. Specialized curricula in Mid-Management, Fashion Merchandising, Secretarial Science, and Medical Secretarial areas are offered in addition to the baccalaureate programs. Most students enrolled in such programs plan to leave college at the end of two years after earning a diploma or the A.S. degree. Credits earned in such courses may be later applied toward the Bachelor's degree but students should understand that they may be required more than an additional 64 hours of credit to meet all requirements for the Bachelor's degree.

Transfer of Credits. In view of certain problems related to transfer of credits from junior colleges, the School of Business shall limit transfer of credits for business courses which apply toward degree requirements to such courses as it offers at that level. In certain cases, waiver of upper division level course requirements may be granted by departments which establish and administer tests to determine student competency in 200-300 level transfer courses before admission to upper division level courses.

Internships. Idaho companies and governmental institutions provide opportunities for students to develop business skills. Students accept responsibilities with company management and BSU School of Business faculty members. Academic credit along with financial compensation is possible.

**CENTER FOR BUSINESS
AND ECONOMIC RESEARCH**
DIRECTOR: Richard K. Hart, Ph. D.

A Center for Business and Economic Research has been established within the School of Business to support and further research opportunities for students and faculty. The research takes a variety of forms, to be utilized by both the community at large and specific clients. Faculty, graduate and upper division students are used in part-time capacities as the need arises.

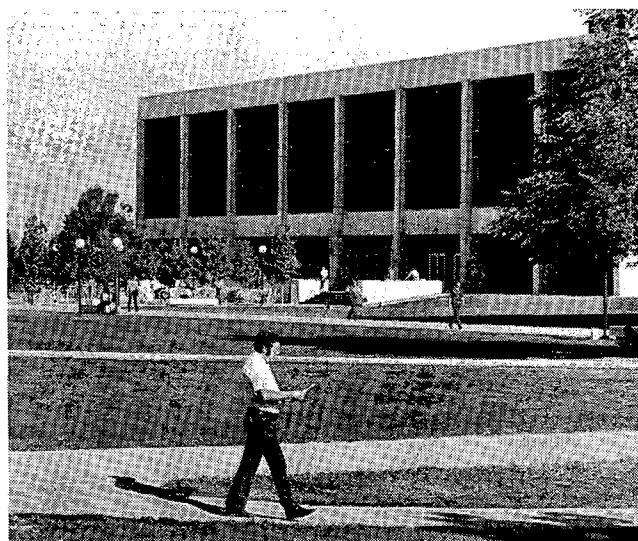
BACHELOR DEGREE PROGRAMS

NOTE: The student will find under each major the particular course of study to follow. Where the term "general electives" or Areas I, II, or III appear, refer to the inclusive listing of courses in the areas in Part II. Graduation Requirements. See Page 31 for BBA requirements, and pages 30 and 31 for B.A. or B.S. requirements.

DEPARTMENTAL HONORS PROGRAM

The Department of Accounting and Data Processing offers a complete sequence of honors sections in accounting. Honors courses aim at enrichment rather than acceleration. Participants in the honors courses will enjoy an opportunity to sharpen their analytical processes and develop their creative abilities. The learning opportunities offered will be characterized by both academic and professional excellence.

Consistent with the Department's Honors philosophy, students entering the program must have an overall G.P.A. of 3.0 and at least a grade of B in the two principles of accounting courses. Students in the honors program who receive a grade of C or less in an honors course will be placed on probation in relation to the department's honors program.



ACCOUNTING MAJOR

Bachelor of Business Administration Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
Mathematics (Area III)	4	4
Principles of Accounting	3	3
General Electives (Area I, II or III)	3	6
	16	16
SOPHOMORE YEAR:		
Principles of Economics (Area II)	3	3
Intermediate Accounting	3	3
Introduction to Data Processing	3	—
Business Statistics	—	3
General Electives (Area I, II or III)	7	7
	16	16
JUNIOR YEAR:		
Business Law	3	3
Price Theory	—	3
Cost Accounting	3	—
Managerial Accounting	—	3
Principles of Management	3	—
Principles of Income Taxation (a)	3	—
General Electives (Area I, II or III)	3	6
	15	15
SENIOR YEAR:		
Auditing	3	—
Human Relations	—	3
Business Communications	3	—
Income and Employment	—	3
Basic Marketing Management	—	3
Principles of Finance	—	3
Accounting Elective	3	—
Business Electives (b)	8	5
	17	17

(a) Tax Factors in Business Decisions may be taken to satisfy this requirement.

(b) With the permission of the student's advisor, additional accounting courses or arts and science courses may be substituted.

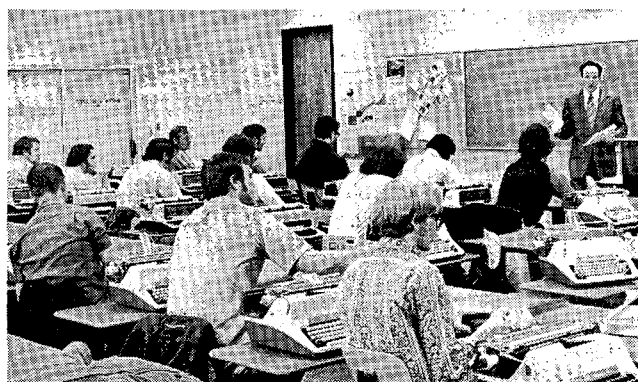
SCHOOL OF BUSINESS
Business Education

INFORMATION SCIENCES MAJOR

Bachelor of Business Administration Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
Mathematics (Area III)	4	4
Principles of Accounting	3	3
General Electives (Area I, II, or III)	3	6
	16	16
SOPHOMORE YEAR:		
Principles of Economics (Area II)	3	3
Intermediate Accounting	3	—
Introduction to Data Processing	3	—
Programming Techniques	—	3
Business Statistics (GB-207)	3	—
General Electives (Area I, II, or III)	4	10
	16	16
JUNIOR YEAR:		
Business Law	3	—
Cost Accounting	3	—
Managerial Accounting	—	3
Simulation Techniques	3	—
Business Statistics (GB-306)	3	—
Principles of Management	—	3
Principles of Finance	—	3
Programming Systems — COBOL	—	3
General Electives (Area I, II, or III)	3	3
	15	15
SENIOR YEAR:		
Price Theory	3	—
Basic Marketing Management	—	3
Human Relations	—	3
Business Communications	3	—
Data Processing Applications	3	—
Quantitative Analysis for Business	—	3
Decisions	—	3
Economics Elective	—	3
General Elective (Area I, II, or III)	3	—
Electives*	5	5
	17	17

* Suggested electives for Information Sciences Major: M- 226 Assembler Language Programming, EC-405 Business Cycles, DP- 420 Systems Analysis and Design, FI-325 Corporate Financial Management, MG- 305 Personnel Management, AC-360 Governmental Accounting, AC-405 Auditing.



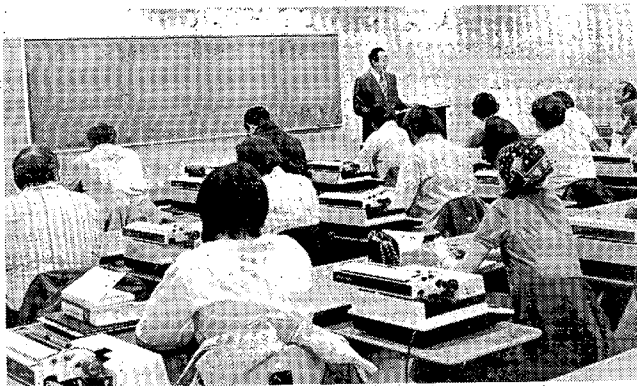
BUSINESS EDUCATION MAJOR

(Basic Business Option)

Bachelor of Business Administration Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
Business English	—	3
General Psychology (Area II)	—	3
Business Math/Machines	3	—
Mathematics (Area III)	4	4
Area I Electives	3	3
	16	16
SOPHOMORE YEAR:		
Principles of Accounting	3	3
Principles of Economics (Area II)	3	3
Area III Elective	—	4
Beginning and Intermediate Typewriting*	2	2
Foundations of Education	—	3
Business Statistics	3	—
Electives (from 2 of 3 areas)	6	—
	17	15
JUNIOR YEAR:		
Intermediate Accounting	—	3
Introduction to Data Processing	3	—
Basic Marketing Management	3	—
Business Communications	3	—
Secondary School Methods	—	3
Business Law	3	—
Money and Banking	3	—
Electives	3	10
	18	16
SENIOR YEAR:		
U.D. Economics	3	—
Principles of Management	3	—
Methods in Business Education	3	—
Business Curriculum and Problems	—	3
Speech Communication for Teachers	—	3
(Area II)	—	3
Educational Psychology	—	3
Business Student Teaching	—	6
U.D. Business Elective	6	—
	15	15

* May be waived if advanced placement is granted because of prior work, but at least two credits of typing at the intermediate level or above is required.



(Basic Business Option
with Distributive Education Emphasis)

Bachelor of Business Administration Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
Business English	—	3
General Psychology (Area II)	3	—
Mathematics (Area III)	4	4
Retail Selling	3	—
Merchandise Analysis	—	3
Retailing	—	3
	16	16
SOPHOMORE YEAR:		
Business Math/Machines	3	—
Principles of Accounting	3	3
Principles of Economics (Area II)	3	3
Retail Buying	3	—
Intermediate or Advanced Typewriting	2	—
Area I Electives	3	3
Area III Elective	—	4
Foundations of Education	—	3
	17	16
JUNIOR YEAR:		
Basic Marketing Management	3	—
Introduction to Data Processing	—	3
Principles of Management	3	—
Business Law	3	—
Intermediate Accounting	3	—
Secondary School Methods	—	3
Vocational Education (Principles and Organization of)	—	3
Money and Banking	—	3
Electives (from 2 of 3 areas)	6	—
Elective	—	3
	18	15
SENIOR YEAR:		
Business Communications	3	—
Methods in Business Education	3	—
Administration and Coordination of Cooperative Programs	3	—
Speech Communication for Teachers (Area II)	—	3
Educational Psychology	—	3
Business Student Teaching	—	6
Business Curriculum and Problems	—	3
Methods and Materials in Distr. Education	2	—
Electives	4	—
	15	15

BUSINESS EDUCATION MAJOR

(Shorthand Option)

Bachelor of Business Administration Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
Business English	—	3
General Psychology (Area II)	—	3
Business Math/Machines	3	—
Mathematics (Area III)	4	4
Area I Electives	3	3
	16	16
SOPHOMORE YEAR:		
Principles of Accounting	3	3
Principles of Economics (Area II)	3	3
Beginning and Intermediate Typewriting*	2	2
Beginning and Intermediate Shorthand*	4	4
Foundations of Education	3	—
Area III Elective	—	4
	15	16
JUNIOR YEAR:		
Basic Marketing Management	3	—
Business Communications	3	—
Secondary School Methods	—	3
Business Law	3	—
Introduction to Data Processing	—	3
Office Management	—	3
Advanced Shorthand	4	—
Administrative Office Procedures	—	3
Electives (from 2 of the 3 areas)	3	3
U.D. Elective	—	3
	16	18
SENIOR YEAR:		
Methods in Business Education	3	—
Business Curriculum and Problems	—	3
Records Preparation and Management	3	—
Speech Communication for Teachers (Area II)	—	3
Educational Psychology	—	3
Business Student Teaching	—	6
Electives	10	—
	16	15

*May be waived if advanced placement is granted because of prior work, but at least two credits of typing at the intermediate level or above is required.

ECONOMICS MAJOR

Bachelor of Arts Program

FRESHMAN YEAR:	FALL	SPRING
English Composition	3	3
Mathematics	4	4
History	3	—
Area II Electives (Other than Economics or History)	—	3
Area I Electives (Field One)*	3	—
Area I Electives (Field Two)*	—	3
Elective	3	3
SOPHOMORE YEAR:	16	16
Economics	3	3
Literature	3	—
Area I Elective (Field Three)*	—	3
Science	—	4
Principles of Accounting	3	—
Introduction to Data Processing	3	—
Electives	5	7
JUNIOR YEAR:	17	17
Price Theory	3	—
Income and Employment	—	3
Principles of Finance	3	—
Business Statistics	3	3
Economics Electives	3	3
Electives**	3	6
SENIOR YEAR:	15	15
Econometrics	3	3
Economic Electives	3	3
Electives***	10	10
	16	16

ECONOMICS MAJOR

Bachelor of Business Administration Degree

FRESHMAN YEAR:	FALL	SPRING
English Composition	3	3
Mathematics	4	4
Introduction to Business	3	—
Area I Electives	3	3
Area II Electives (Other than economics)	3	3
Elective	—	3
SOPHOMORE YEAR:	16	16
Economics	3	3
Science	3-4	—
Non-Business Elective***	6	5
Principles of Accounting	3	3
Introduction to Data Processing	—	3
Elective	—	3
JUNIOR YEAR:	15-16	17
Price Theory	3	—
Income and Employment	—	3
Business Law	—	3
Business Statistics	3	3
Principles of Finance	3	—
Non-Business Elective**	3	3
Economics Electives	3	3
SENIOR YEAR:	15	15
Econometrics	3	3
Economics Electives	3	3
Basic Marketing Management	3	—
Principles of Management	3	—
Electives	5	10
	17	16

* See page 31 for clarification of fields in B.A. degree.

** Electives should be chosen mainly from upper division courses.

*** Must include hours in at least two of the three definitive areas as listed on page 32 of the catalog.

Economics — Social Science Secondary Education Option

Each academic department in the social sciences (History, Political Science, Societal and Urban Studies, and Economics) provides a major emphasis with the Social Science Secondary Education Option. Students must have a minimum of 30 credits in the department's subject matter plus two additional fields of study or teaching minors of 15 credits each chosen from the other social science fields.

Credit Hours

- General College and Basic Core requirements 27-39
- Two approved teaching minors (15 hours each) from History, Political Science, Anthropology or Sociology 30
- Economics Courses:
 - Required Courses — Econ 201 and 202 30
 - Accounting 101 required 3
- Education Courses to meet Idaho State Department of Education Certification requirements for Teachers in Secondary Education 20
- Electives to complete a total of 128 Credit Hours including 40 Upper Division Credit Hours 6-18

The General Business major has the choice of two directions in the pursuit of a Bachelor of Business Administration degree. The student may elect to major in General Business with an area of emphasis in either Aviation Management, Public Relations or Real Estate, or may elect the General Business major with no area of emphasis. This latter option allows the student to gain additional knowledge in all areas of business without concentrating in any area.

GENERAL BUSINESS
(with area of emphasis)

Bachelor of Business Administration Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
General Psychology (Area II)	—	3
Math (Area III)	4	4
Area I Elective	3	3
Fundamentals of Speech	—	—
Communication (Area III)	3	—
Area III Elective	—	4
	16	17
SOPHOMORE YEAR:		
Economics (Area II)	3	3
Principles of Accounting	3	3
Business Statistics	3	—
Introduction to Data Processing	—	3
General Electives (Area I, II or III)	7	6
	16	15
JUNIOR YEAR:		
Basic Marketing Management	—	3
Business Law	—	3
Principles of Finance	3	—
Price Theory	3	—
Income and Employment	—	3
Business Communications	3	—
Principles of Management	3	—
Area of Emphasis	3	3
General Elective (Area I, II or III)	—	3
	15	15
SENIOR YEAR:		
Human Relations	3	—
Area of Emphasis	3	3
Electives	11	14
	17	17

AREAS OF EMPHASIS

(Each General Business major chooses one option)

- Aviation Management (Note 1)* — 15 credits chosen from Aviation Ground School, Private Pilot Flight Lab, Principles of Transportation, Airport Management and Airline-Air Cargo Management.
- Public Relations* — 9 credits made up of CM-171-172 Mass Communications: Concepts & Perceptives; Reporting & News Writing CM-273 and Public Relations CM-478; & 6 credits chosen from Reporting and News Writing CM-274, Principles of Advertising, Applied Psychology, Human Growth and Development, Personality, Social Psychology, American Society or Industrial Sociology.
- Real Estate* — 12 credits to include RE-201 Fundamentals of Real Estate; RE-331 Appraisal of Real Estate, and RE-332 Real Estate Finance; and 3 credits chosen from (1) Insurance, (2) Urban Economics, (3) Investment Management, (4) Principles of Salesmanship, (5) Tax Factors in Business Decisions, (6) Other Special Topics offerings in Real Estate.

(d) *General Business (no emphasis)* — See General Business Major, following.

NOTE 1. A student majoring in the Aviation Management emphasis in General Business may receive 6 semester hours of credit toward the degree if he already has possession of a private or commercial flying certificate in force at the time of application. These six credits would be assigned a grade of "S" and not counted in the computation of grade point average. Further, the student must be of senior standing and a candidate for a degree.

The individual student would file a written petition for the credit with photostatic copies of his private pilot's license, current medical certificate, and current Idaho state pilot's registration certificate.

Approval of the petition would be required of the flight program director, Chairman of the Department of Management and Finance and Dean of the School of Business.

The credits would be recorded as AV 101 and AV 121-122.

It is emphasized that such credits would apply only to a degree with the Aviation Management emphasis and not toward any other major in the college.

GENERAL BUSINESS MAJOR

(No area of emphasis)

Bachelor of Business Administration Program

	1ST SEM	2ND SEM
FRESHMAN YEAR:		
English Composition (Area I)	3	3
Introduction to Business	3	—
General Psychology (Area II)	—	3
Math (Area III)	4	4
Area I Elective	3	3
Fundamentals of Speech	—	—
Communication (Area III)	3	—
Area III Elective	—	4
	16	17
SOPHOMORE YEAR:		
Economics (Area II)	3	3
Principles of Accounting	3	3
Business Statistics	3	—
Introduction to Data Processing	—	3
General Electives (Area I, II or III)	7	6
	16	15
JUNIOR YEAR:		
Basic Marketing Management	—	3
Business Law	—	3
Principles of Finance	3	—
Price Theory	3	—
Income and Employment	—	3
Business Communications	3	—
Principles of Management	3	—
Business Statistics (Advanced)	3	—
Corporate Financial Management	—	3
General Elective (Area I, II or III)	—	3
	15	15
SENIOR YEAR:		
Human Relations	3	—
Intermediate Marketing Management	—	3
Administrative Accounting	3	—
Electives	11	14
	17	17

INDUSTRIAL BUSINESS MAJOR

Bachelor of Business Administration Program

Production Option

FRESHMAN YEAR:

	1ST SEM.	2ND SEM.
English Composition	3	3
Algebra, Trig., Calculus	5	5
Introduction to Chemistry	4	4
Engineering Fundamentals	2	2
Fund. of Speech-Communication	2	—
Physics I	—	3
	16	17

SOPHOMORE YEAR:

Physics II & III	3	4
Calculus & Anal. Geometry	4	4
General Psychology	—	3
Principles of Accounting	3	3
Intro. to Data Processing	3	—
Business Statistics	—	3
General Elective	3	—
	16	17

JUNIOR YEAR:

Principles of Economics	3	3
Basic Marketing Management	3	—
Introduction to Mechanics	3	—
Mechanics of Materials	—	3
Production Management	—	3
Business Communication	3	—
Area I Elective	3	3
Principles of Management	3	—
Consumer Behavior	—	3
	18	15

SENIOR YEAR:

Human Relations	3	—
Principles of Finance	—	3
Quantitative Methods	3	—
Cost Accounting	—	3
Electives	9	8
	15	14

SUGGESTED ELECTIVES Production Option

Principles of Transportation
Wage and Salary Administration
Intro to Electrical Engineering
Fluid Mechanics
Labor Relations
Price Theory
Thermodynamics and Heat Transfer

Sales Option

FRESHMAN YEAR:

	1ST SEM.	2ND SEM.
English Composition	3	3
Algebra, Trig., Calculus	5	5
Introduction to Chemistry	4	4
Engineering Fundamentals	2	2
Fund. of Speech-Communication	2	—
Physics I	—	3
	16	17

SOPHOMORE YEAR:

Physics II & III	3	3
Calculus & Anal. Geometry	4	4
General Psychology	—	3
Principles of Accounting	3	3
Intro to Data Processing	3	—
Business Statistics	—	3
General Elective	3	—
	16	16

JUNIOR YEAR:

Principles of Economics	3	3
Basic Marketing Management	3	—
Introduction to Mechanics	3	—
Mechanics of Materials	—	3
Salesmanship	—	3
Business Communication	3	—
Area I Elective	3	3
Principles of Management	3	—
Consumer Behavior	—	3
	18	15

SENIOR YEAR:

Human Relations	3	—
Principles of Finance	—	3
Sales Administration	3	—
Cost Accounting	—	3
Electives	9	9
	15	15

SUGGESTED ELECTIVES Sales Option

Intermediate Marketing Management
Advanced Marketing Management
Promotion Management
Applied Market Research
Intro to Electrical Engineering
Thermodynamics and Heat Transfer

FINANCE MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:

English Composition (Area I)	3	3
Introduction to Business	3	—
General Psychology (Area II)	—	3
Mathematics	4	4
Fundamentals of Speech-Communication (Area II)	3	—
Area I Electives	3	3
Area I, II, III Electives	—	3
	16	16

SOPHOMORE YEAR:

Principles of Economics (Area II)	3	3
Principles of Accounting	3	3
Introduction to Data Processing	—	3
Science Elective (Area III)	4	—
General Electives (Area I, II or III)	6	4
Business Statistics	—	3
	16	16

JUNIOR YEAR:

Basic Marketing Management	—	3
Principles of Management	—	3
Principles of Finance	3	—
Price Theory	3	—
Business Communications	3	—
Business Law	—	3
Money and Banking	—	3
Corporate Financial Management	—	3
Investment Management	3	—
General Electives	3	—
	15	15

SENIOR YEAR:

Case Problems in Financial Management	—	3
Management of Financial Institutions	3	—
Electives	15	12
	18	15

MARKETING MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:

English Composition	3	3
Introduction to Business	3	—
General Psychology**	—	3
Mathematics	4	4
Area I Electives*	3	3
Electives***	3	3
	16	16

SOPHOMORE YEAR:

Principles of Economics	3	3
Principles of Accounting	3	3
Introduction to Sociology**	3	—
Fundamentals of Speech Communication***	3	—
Introduction to Data Processing	—	3
Physical or Biological Science Elective ***	4	—
Electives***	—	3
Business Statistics	—	3
	16	15

*See course descriptions for former course titles.

***Counts as part of the six hour Area II requirement other than in economics. (see page 32)

MANAGEMENT MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:

English Comp. (Area I)	3	3
Intro. to Business	3	—
General Psych. (Area II)	—	3
Math (Area III)	4	4
Area I Elective	3	3
Fundamentals of Speech-Communications	3	—
Area III Elective	—	4
	16	17

SOPHOMORE YEAR:

Economics (Area II)	3	3
Principles of Accounting	3	3
Business Statistics	3	—
Intro. to Data Processing	—	3
General Electives (Areas I, II, or III)	7	6
	16	15

JUNIOR YEAR:

Basic Marketing Management	—	3
Business Law	3	3
Principles of Finance	3	—
Business Communications	3	—
Principles of Management	3	—
Personnel Management	—	3
Labor Relations	—	3
Price Theory	3	—
Income and Employment	—	3
Elective	—	3
	15	15

SENIOR YEAR:

Human Relations	3	—
Behavioral Management	—	3
Production Management	3	—
Quantitative Analysis	—	3
Wage and Salary Administration	3	—
Business Policies	—	3
Government and Business	—	3
Electives	8	5
	17	17

JUNIOR YEAR:

Basic Marketing Management*	3	—
Business Law	—	3
Price Theory	3	—
Income & Employment Theory	—	3
Principles of Finance	3	—
Principles of Management	3	—
Business Communication	—	3
Marketing Electives	—	6
Principles of Salesmanship	3	—
Electives***	3	—
	18	15

SENIOR YEAR:

Intermediate Marketing Management*	3	—
Advanced Marketing Management*	—	3
Marketing Electives	6	—
Human Relations	—	3
Electives***	8	9
	17	15

***At least 16 hours of electives must be outside of the School of Business. The 16 hours must include hours from at least two of the three defined areas, I, II, III. Fundamentals of Speech Communication counts as three of these 16 hours. (see page 32)

SCHOOL OF BUSINESS

Two Year Programs

MARKETING CORE (12 hours):

Required for all Marketing Majors.

MM-101	Principles of Salesmanship
MK-301	Basic Marketing Management
MK-405	Intermediate Marketing Management
MK-425	Advanced Marketing Management

MARKETING ELECTIVES (12 hours):

Choose any four of the following courses.

MK-306	Promotion Management
MK-307	Consumer Behavior
MK-415 G	Marketing Research
MK-420	Applied Marketing Research
MK-421	Sales Administration
MK-496	Independent Study or MK-493 Internship
EC-317	International Economics

Your Marketing advisor will help you select the 12 hours of Marketing electives and any other open electives you want to take to prepare yourself for a career in marketing. For example, if you are interested in a career in an area such as sales, advertising, retailing, or marketing research, a program of marketing electives and open electives can be developed to best suit your individual goals. Consult your Marketing advisor.

OFFICE ADMINISTRATION MAJOR

Bachelor of Business Administration Program

FRESHMAN YEAR:

English Composition (Area I)	3	3
Introduction to Business	3	—
Beginning and Intermediate Typewriting*	2	2
Business English	3	—
General Psychology (Area II)	—	3
Mathematics (Area III)	4	4
Area I Elective	—	3
	15	15

SOPHOMORE YEAR:

Area I Elective	3	—
Principles of Accounting	3	3
Beginning and Intermediate Shorthand*	4	4
Fundamentals of Speech Communications	3	—
Advanced and Production Typewriting	2	2
Area III Elective	—	4
Electives (from 2 of 3 areas)	3	3
	18	16

JUNIOR YEAR:

Principles of Economics (Area II)	3	3
Advanced Shorthand and Secretarial		
Transcription	4	4
Basic Marketing Management	3	—
Business Law	—	3
Introduction to Data Processing	—	3
Business Statistics	3	—
Upper Division Electives	3	3
	16	16

SENIOR YEAR:

Business Communications	3	—
Records Preparation and Management	3	—
Administrative Office Procedures	—	3
Business Math/Machines	3	—
Office Management	—	3
Human Relations	—	3
U.D. Electives	7	7
	16	16

TWO YEAR PROGRAMS *

FASHION MERCHANDISING **

MID-MANAGEMENT

FRESHMAN YEAR

	1ST SEM.	2ND SEM.
English Composition	3	3
Introduction to Business	3	—
Salesmanship	3	—
Clothing	3	—
Business Math/Machines	3	—
Clothing Selection	—	2
Textiles	—	3
Elements of Management	—	3
Principles of Accounting	—	3
Mid-Management Work Experience	—	2
Elective	2	—
	17	16

SOPHOMORE YEAR

	1ST SEM.	2ND SEM.
Introduction to Marketing	3	—
Fashion Analysis and Design	2	—
Professional Speech Communication	2	—
Retail Buying	3	—
Mid-Management Work Experience	2	2
Report Writing	3	—
Principles of Retailing	—	3
Visual Merchandising	—	3
Supervision of Personnel	—	3
Elective	—	5
	15	16

* Students who meet all listed courses under 2-year programs will be awarded the Associate of Science degree. Diplomas will not be awarded to partial completion of requirements.

** For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSC Department of Marketing/Mid-Management.

* May be waived if advanced placement is granted because of prior work.

MARKETING — MID-MANAGEMENT *

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Introduction to Business	3	—
Business Math/Machines	—	3
Salesmanship	3	—
Principles of Accounting	—	3
Merchandise Analysis	—	3
Mid-Management Work Experience	2	2
Elements of Management	3	—
Professional Speech-Communication	2	—
Elective	—	2
	16	16
SOPHOMORE YEAR:		
Introduction to Marketing	3	—
Principles of Retailing	—	3
Principles of Economics	3	—
Visual Merchandising	—	3
Report Writing	3	—
Supervision of Personnel	—	3
Retail Buying	3	—
Credit and Collections	—	2
Mid-Management Work Experience	2	2
Elective	2	3
	16	16

*For students at Mountain Home Air Force Base there are minor changes regarding this program. See Base Education Officer or the Chairman of the BSC Department of Marketing/Mid-Management.

SECRETARIAL SCIENCE

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
Beginning Shorthand & Intermediate Shorthand	4	4
Beginning Typing and Intermediate Typing	2	2
English Composition	3	3
Business Math/Machines	3	—
Business English	3	—
Introduction to Business	—	3
Principles of Accounting	—	3
Elective	—	2
	15	17
SOPHOMORE YEAR:		
Advanced Shorthand and Transcription	4	4
Advanced Typewriting and Production	2	2
Records Preparation and Management	3	—
Administrative Office Procedures	—	3
Economics or Psychology	3	—
Secretarial Writing	—	2
Electives	3	6
	15	17

Course Descriptions

AC ACCOUNTING

Lower Division

203-204 Principles of Accounting — 3 credits (Previously 101-102)

A study of the function of accounting in the business world. A logical development of the subject through the use of the Balance Sheet, the Profit and Loss, and other statements. Subsidiary ledgers, voucher system, payroll accounting, and income tax accounting are included. Each semester.

Upper Division

303-304 Intermediate Accounting — 3 credits (Previously AC 201-202)

A rapid review of basic accounting principles and procedures, followed by problems relating to the valuation and presentation of property, liability, and corporate proprietorship items, and the measurement of profit and loss. Analytical accounting procedures, and the preparation of advanced working sheets and comprehensive corporate financial statements; development of special reports, ratios and other analyses. Prerequisite: AC-204 or the equivalent. Each semester.

310 Administrative Accounting — 3 credits

A one-semester course designed primarily for students working toward a degree in General Business, Management, Marketing, and Finance. Emphasis is on the use of accounting data for internal management decisions including an introduction to such areas as funds and cash flows, cost accounting, cost-volume-profit relationships, budgeting, cost and value of information models, and the influence of taxes on business decisions. Attention is also given to the analysis and interpretation of financial data. This course is not a substitute for AC 351 in the accounting program and may not be submitted for degree credit by accounting majors. Prerequisite: AC 204. Each semester.

320 Tax Factors in Business Decisions — 3 credits

A general introduction for students and businessmen who, while not tax specialists, need an awareness of the impact of federal income taxes on business decisions. This course will explore the areas of federal income, estate and gift tax laws as they affect business operating and financing decisions. Degree credit will not be allowed for both AC 320 and AC 401. Prerequisite: AC-204. Each semester.

351 Cost Accounting — 3 credits (Previously AC 301)

Theory of cost accounting and cost control, including job order, process, direct and standard costs, budgeting and breakeven analyses. Emphasis on cost determination as a tool of management. Prerequisite: AC-204. Each semester.

352 Managerial Accounting — 3 credits

A study of the development and uses of internal accounting information in management planning, control, and decision processes. Topics include operations and capital budgeting, behavioral implications, computer applications, and analytical methods such as gross profit, breakeven, and incremental cost analysis. Prerequisite: AC-351. Each semester.

360 Governmental Accounting — 3 credits

A study of the accounting principles applicable to institutions, nonprofit agencies, governmental units, and political subdivisions. The supporting theory, procedures, legal and reporting requirements, programmed budgeting, and cost-benefit analyses are considered. Prerequisite: AC 204. Fall semester.

SCHOOL OF BUSINESS

Courses — AC, AV, BE

401 Principles of Income Taxation — 3 credits (Previously Individual Income Tax)

The theory and application of Federal income taxes to individuals, including an introduction to F.I.C.A. and Unemployment taxes and an introduction to State income taxes. Degree credit will not be allowed for both AC-320 Tax Factors in Business Decisions and AC-401. Prerequisite: AC 204. Fall semester.

402 Advanced Income Taxation — 3 credits (Previously Corporate Taxation)

The theory and application of the Federal income tax to corporations organized for profit, and an introduction to partnership, trust, and estate and gift taxation. Prerequisites: AC-304 and either AC-320 or AC-401. Spring semester.

405 Auditing — 3 credits

The study of auditing techniques and procedures. Includes various auditing problems and the determination of appropriate auditing procedures. Preparation of audit practice cases and audit reports. Prerequisite: AC-304. Each semester.

420 Systems Analysis and Design — 3 credits

Concepts and techniques of the design of information systems. Topics include Systems Theory; Data Collection, Classification, Transmission, and Display; On-line Systems and Time Sharing. Course identical to DP-420. Credit may not be earned for both courses, DP 420 and AC 420. Prerequisites: DP-210 and AC-204. Spring semester.

440G Accounting Theory — 3 credits

A specialized course to provide a frame of reference for advanced accounting students in theory of income, in asset valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. Prerequisite: AC-304. Spring semester.

450 Data Processing for the Accountant — 3 credits

A study of available accounting software, the auditing of electronic systems, and the statistical analysis of accounting data. The computer will be used as the problem solving tool in the three above mentioned areas. Prerequisites: AC-405 and DP-210. Spring semester.

470 Advanced Accounting — 3 credits

Covers accounting problems and techniques for accounting for business combinations; the determination of consolidated income, consolidated financial position, and the preparation of consolidated financial statements. Also covers accounting problems of home office — branch operations, partnerships, and consignments. Prerequisites: AC-304 and AC-351. Fall semester.

482 C.P.A. Review — 3 credits

An indepth consideration of the more complex accounting principles and procedures taught on the undergraduate level. This course is designed to assist the student in preparing for the Certified Public Accountant examination. Prerequisite: AC 405. Each semester.

AV AVIATION MANAGEMENT

Lower Division

***101 Aviation Ground School — 3 credits**

Survey of basic aerodynamics, meteorology, navigation, and Federal Aviation Agency regulations. At termination, the student will take the FAA Private Pilot examination. An orientation of the historical development of aviation and the development of scientific laws and basic theory of flight. Either semester.

***121 Private Pilot Flight Laboratory — 1 credit**

Training to include at least 16 clock hours of flight time. In addition the course will include ground-time to familiarize and

train the student in airplane equipment, preflight, take-off, and landings, and other requirements as established by the Federal Aviation Agency. Either semester.

***122 Private Pilot Flight Laboratory — 2 credits**

Exceeds the minimum flight-hours necessary to satisfy the FAA for completion of the private pilot certificate. Students must have logged a minimum of 45 hours including 15 hours of dual instruction and 15 hours of oral instruction, and satisfactorily completed the flight examination administered by a FAA flight examiner. Prerequisite: AV 121 and successful completion of FAA written examination for Private Pilot Certificate. Either semester.

***201 Commercial Pilot Ground School — 3 credits**

The study of weather, navigation, radio communications, federal air regulations, flight planning and aircraft performance as required for the FAA commercial pilot examination. Prerequisite: Private Pilot Certificate. Each semester.

Upper Division

331 Airport Management — 3 credits

Selection and use of ground facilities connected with the aviation industry. Covers construction and communication facilities, cargo and passenger handling procedures and policies, flight-deck and maintenance crew services, operation and maintenance of public facilities. Prerequisite: AC 203. Fall semester.

351 Airline and Air Cargo Management — 3 credits

The functions of management in airline operations. Air carrier familiarization, effect of federal regulations, market analysis, and unit organization. Includes implications of decision-making in the areas of industrial, financial, and economic phases of aviation management. Spring semester.

BE BUSINESS EDUCATION

Upper Division

401 Methods in Business Education — 3 credits

Methods and materials of instruction in business subjects. Application of principles of learning and teaching to business education. Must be taken in the semester immediately preceding student teaching. Fall semester.

409 Methods and Materials in Distributive Education — 2 credits

Specific methods and techniques used in teaching salesmanship, marketing, retailing and other distributive education courses. Fall semester.

421 Business Curriculum and Problems — 3 credits

A seminar type class dealing with current problems and issues facing business teachers in the fields of curriculum, research, and class content. Individual research and presentation is emphasized. Spring semester.

441 Principles and Organization of Vocational Education Programs — 3 credits

Philosophy, history, purpose and organization of vocational education programs. Role of business and government in vocational education. Spring semester.

443 Administration and Coordination of Cooperative Programs — 3 credits

Selection, guidance, placement, and follow-up of students in training stations. Fall semester.

471 Business Student Teaching — 6 credits

Supervised teaching under the direction of qualified, business teacher-education specialists. Prerequisite: BE 401 and permission of director. Spring semester.

*Flight lab fees in addition to other tuition and fees will be charged.

DP DATA PROCESSING

Lower Division

210 Introduction to Data Processing — 3 credits (Previously DP 311)

A general interest course to acquaint business students with the fundamentals and principles upon which data processing is based. The logic and reasoning of programming as utilized in data processing is also explored. Recommended to take M 105 and AC 203 prior to this course. Each semester.

Upper Division

320 Programming Techniques — 3 credits

A survey of programming systems used in computer processing and an introduction to the latest computer systems. Coverage of general concepts, logic and techniques of computer programming including flow charting, input, processing and output. Prerequisite: DP-210 or equivalent. Each semester.

345 Simulation Techniques — 3 credits

Basic concepts in simulation; simulation in business including inventory systems and scheduling systems; simulation of decision-making by individuals and group organizations. Models of varying levels of sophistication will be considered and implemented in Fortran IV and other available simulation languages. Prerequisite: DP 320 and M 106. Fall semester.

360 Programming Systems — COBOL — 3 credits

A specific course based on the COBOL programming language that will give the student a capability to write highly sophisticated programs pertaining to business data processing problems. Prerequisite: DP-320 or equivalent. Spring semester.

405 Data Processing Applications — 3 credits

An in-depth study of current business computer applications, information retrieval, the function of data processing in the business organization, feasibility study concepts, and data base considerations. Prerequisite: DP-360. Fall semester.

420 Systems Analysis and Design — 3 credits

Concepts and techniques of the design of information systems. Topics include systems theory, Data Collection, Classification, Transmission, and Display, On-line Systems and Time Sharing. Course identical to AC-420. Credit may not be earned for both courses, AC-420 and DP-420. Prerequisites: DP-210 and AC-204. Spring semester.

EC ECONOMICS

Lower Division

201 Principles of Economics - Macroeconomics — 3 credits

Introduction to basic macroeconomic analysis with emphasis on current economic issues. Development of the theory of income determination, fiscal and monetary policy, and business fluctuations are considered. Each semester.

202 Principles of Economics - Microeconomics — 3 credits

Microeconomic analysis; basic assumptions, vocabulary, and structure of the economy; business organization and operation, factors of production, specialization, nature of supply and demand, the price system; distribution of income — wages, interest, rent, and profits. Each semester.

210 Contemporary Economic Problems — 3 credits

The study of the economic system from the viewpoint of the consumer. A survey of the field of economics in one semester designed especially, but not exclusively, for the non-business student. Fall semester. (Not allowed as part of the Economics Major Requirements.)

219 Environmental Economic Problems: Economics and The Quality of Life — 3 credits

Choices must be made between the kind of economic growth society wants and the resulting quality of life. Environmental impacts of growth, including air, water and noise pollution, urban congestion, natural resource depletion and population pressures will be examined. Policy prescriptions and economic implications of environmental control will be discussed. Fall semester.

Upper Division

301 Money and Banking — 3 credits

The role of money, credit, and banking in the U.S. economy. It emphasizes monetary theory as an analytical and policy tool for the exploration and solution of national economic problems. Prerequisite: EC-201. Each semester.

303 Price Theory — 3 credits

An analysis of the price mechanism and the determination of resource allocation, output composition, income distribution, and welfare economics in a market economy. Prerequisite: EC-202. Each semester.

305 Income and Employment — 3 credits

Techniques and problems of measuring and evaluating overall economic activity. Emphasis on government spending and taxing policy as a means of altering and improving national economic performance. Prerequisite: EC-201. Each semester.

310 Public Finance — 3 credits

Fiscal aspects of planning and control of governmental units. Principles of taxation and other revenues, government indebtedness, and policy making. Prerequisite: EC-201 and EC-202. Spring semester.

311 History of Economic Thought — 3 credits

Study of the origin and development of economic theories that have influenced western civilization. Particular attention will be given to the period since 1750. Prerequisite: EC 201-202. Fall semester.

315 Comparative Economic Systems — 3 credits

A study of the economic efficiency of political systems and a comparison with the goals and efficiency of the free enterprise capitalistic system. Prerequisite: EC 201-202. Spring semester.

317 International Economics — 3 credits

The benefits, costs and pattern of world trade and investment. Tariffs, quotas, and the commercial policies of nations. The foreign exchange market and the balance of payments. Consequences of balance of payments disequilibrium for national policy. The mechanisms and analysis of international payments adjustment and the institutions of the international monetary system. Prerequisite: EC 201 and EC 202. Spring semester.

321 Regional Economics — 3 credits

Application of economic analysis to regional problems of structure, growth and development. Location theory, various growth models, and specific techniques of analysis such as input-output tables will be developed. Prerequisite: EC 305. Fall semester.

322 Urban Economics — 3 credits

Exploration of the problems of urban areas using the techniques of urban analysis. The course will focus on the structure of the urban areas, locational patterns, housing, pollution, poverty, financial, and transportation problems. Prerequisite: EC 321. Spring semester.

405 Business Cycles and Forecasting — 3 credits

Business cycles, their history, nature and causes. Forecasting and control of the business cycle. Instability in aggregate economic activity, and the rate of growth of the economy. Prerequisite: EC 305. Fall semester.

SCHOOL OF BUSINESS

Courses — EC, FI, 6B

417 U.S. Economic History — 3 credits

This course deals with major factors in the economic growth and development of the United States from colonial times to the present. Particular emphasis is given to the interaction of economic factors and other aspects of American society. Prerequisite: EC 201-202 or permission of the instructor. Spring semester. Offered in alternate years by the Economics and by the History Department, and cross-numbered as EC/HY 417.

421G-422G Econometrics — 3 credits

Study and application of the principle mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor. 421G Fall - 422G Spring.

FI FINANCE

Lower Division

107 Personal Finance — 3 credits

Aid in meeting the growing complexity of finance as the consumer encounters it: How to avoid financial entanglements, installment buying, borrowing money, owning or renting a home, investing and speculating in securities, everyday legal problems dealing with illness, death, personal taxes, family budgets, check writing, and financial planning. Either semester.

109 Stocks and Bonds — 2 credits

Elementary security analysis; sources of investment information; objectives of an investment program; history of the New York Stock Exchange; characteristics of various types of bonds and stocks; economic, industrial, and company factors influencing an investment program; brokerage office and floor procedures, economic factors relating to the 1960's role of venture capital in our economic system; procedures used in incorporating and underwriting; study of balance sheets and income statements. Either semester.

Upper Division

303 Principles of Finance — 3 credits (Previously FI 301 - Corporate Finance)

A basic survey course of fundamental concepts and techniques of the three major areas of finance — Corporate, Institutional and Investments and their interrelationships. Prerequisite: AC 203, 204, EC 202, GB 207. Each semester.

325 Corporate Financial Management — 3 credits (Previously FI 425)

A study of American corporations, their methods of capitalization, control, consolidation, and growth. An analysis of the decision making process with regard to capital budgeting, cost of capital, leasing vs. ownership, dividend policy, liquidity vs. profitability, and the tax consequences of these decisions. Diversified readings, case work, and a financial management computer game are utilized. Prerequisite: FI-303. Each semester.

350 Investment Management — 3 credits

An analysis of the setting for investments, analysis of risk and return, aggressive vs. defensive policies, programmed investment strategies, and the philosophies of portfolio management from the standpoint of banks, insurance companies, pension funds, and other financial institutions. Prerequisite: AC-102. Recommended: FI-303. Each semester.

417 Management of Financial Institutions — 3 credits

A study of the recent developments and changes in the American financial system from the perspective of the operating managers of the financial institutions. Analyses of the management techniques and problems of investment banks, commercial banks, mortgage banks, savings and loan associations, insurance companies, securities exchanges, trust companies, investment companies, and credit card companies forms the basis of the course. Prerequisite: FI 303, EC 301. Fall semester.

445 Case Problems in Financial Management — 3 credits (Previously FI 345)

Analysis of selected case problems in financial management of the firm, including short- and long-term financial requirements, trade credit and analysis, special media of finance, capital budgeting and profit analysis. Prerequisites: FI-303 and FI-325. Spring semester.

GB GENERAL BUSINESS

Lower Division

101 Introduction to Business — 3 credits

A survey course designed to acquaint the student with the many phases of business. Serves as an introduction to the specialized fields of business organization, accounting, insurance, marketing, banking, transportation, and industrial relations. Special emphasis is placed on business vocabulary. Each semester.

207 Business Statistics — 3 credits (Previously GB 305)

Collecting and tabulating data; statistical tables and charts; ratios, percentages and relatives; averages; measures of dispersion; probabilities; probability distribution; sampling theory and analysis of business change. Prerequisite: Math 106 or equivalent. Each semester.

Upper Division

301-302 Business Law — 3 credits

First semester — Nature and classification of the law, history of jurisprudence, real and personal property, and torts, contracts and agency. Second semester — Sales, security transactions and commercial paper, business organization including partnerships, corporations, trusts, and estates. Each semester.

306 Business Statistics — 3 credits

The areas to be covered include concentration in hypothesis testing, time series analysis, index numbers, forecasting regression and correlation analysis and analysis of variance. The major emphasis in this course is on the business applications of these statistical tools, rather than the mathematical computations and/or derivations and proofs. Programming Systems, Fortran IV will be included. Prerequisite: GB 207. Spring semester.

325 Principles of Transportation — 3 credits

Economics of transportation services and rates. History and pattern of regulations. Explanations of various forms in common use in freight and passenger transportation and an introduction to governmental controls and service and management problems of industrial traffic managers. Spring semester.

340 Labor Relations — 3 credits

A comprehensive study of the negotiation and administration of today's labor-management issues. Presents the historical, structural, and legal environment and examines the contents of labor contracts. Emphasis is placed on the basic phases of labor relations and how they affect American business. Fall semester.

441G Government and Business — 3 credits

A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included. Spring semester.

450 Business Policies — 3 credits

The utilization of complex situational cases, role playing, in-depth research, and a business simulation exercise to achieve integration of specialized functional knowledge. Either semester.

466 Quantitative Analysis for Business Decisions
— 3 credits

Quantitative techniques including "normal distribution" and other related probability distributions as applied to sampling theory and quality control. Also includes discussions of payoff tables, expected values, bidding models, queuing theory and linear programming. Examination of PERT and CPM as well as simulation, regression analysis and inventory models. Prerequisite: GB 207 or GB 306. Spring semester.

MG MANAGEMENT

Upper Division

301 Principles of Management — 3 credits

Basic functions and principles of management with emphasis on relationships between workers and management; the planning, organizing, and controlling of personnel, decision making procedures and techniques. Either semester.

305 Personnel Management — 3 credits

The managerial problems of integrating individuals and groups into an effective organizational framework. Emphasis is on interpersonal relations, leadership styles, employee motivation techniques and staff functions. Business, government and institutional approaches to the personnel function are examined and compared. Either semester.

306 Wage and Salary Administration — 3 credits.

Involves the installation and administration of a comprehensive Wage and Salary Program, including objectives, policies, organization, control, and job evaluation. Emphasis will also be placed on the techniques of winning and maintaining acceptance of the total Wage and Salary Program. Prerequisite: MG-301.

307 Production Management — 3 credits

Decision making in Production Planning, types of decisions and variables involved, possibilities for quantification of variables, criteria for decisions, methods of analysis, and application. The application of modern analysis in the solution of practical production problems. Prerequisite: MG-301.

311 Business and Its Social Responsibilities — 3 credits

An examination of the impact of business on society, and the expanding role of business in contributing to the solution of the significant problems facing society, such as environmental degradation, the equitable treatment of minorities, consumer protection, and community relations. Spring semester.

317 Small Business Management — 3 credits

A study of the unique and distinct problems encountered by small business organizations. This course covers the topics of locating, financing, staffing, marketing and regulating the small business. Emphasis will be placed on small business management techniques as they apply to service, retail and production oriented small businesses. Either semester.

401 Human Relations — 3 credits

Relationships among managerial, supervisory, and other workers. Approaches useful in solving human relations problems in business. Case studies of business problems. Either semester.

405 Behavioral Management — 3 credits

Business application of behavioral sciences. Individual, interpersonal, social, political and structural factors in business organizations. Functions of leadership, authority, power and influence in organizational structure. Dynamics and theories of organization. Measurement of need for and process of change in business organizations. Prerequisites: MG-301 Principles of Management and MG-401, Human Relations. Spring semester.

MK MARKETING

Upper Division

301 Basic Marketing Management — 3 credits
(Formerly Principles of Marketing)

Description and analysis of the marketing processes. Methods, policies, and problems involved in the distribution process with an evaluation of marketing institutions and middle men according to the functions they perform. A survey of industrial and consumer markets and their relationship to both production and distribution. Each semester.

306 Promotion Management — 3 credits
(Formerly Prin. of Adv.)

Presentation of the principles of advertising, sales promotion, public relations, and publicity strategies. Emphasis is placed on advertising management. Students should expect to work with business and/or advertising managers in completing class projects. Prerequisite: MK 301. Either semester.

307 Consumer Behavior — 3 credits

Analysis of purchase and consumption behavior of the consumer. Relates marketing activities of the firm to social science research concerning the purchase, use, and meaning of goods and services. Prerequisite: MK 301. Either semester.

405 Intermediate Marketing Management — 3 credits
(Formerly Marketing Management)

Management techniques in the solution of problems of systems of distribution, administration of marketing channels, advertising in the firm's total marketing effort, administration of customer service policies, design of a physical distribution system, and composition of a marketing mix. Prerequisite: MK 301. Fall semester.

415G Marketing Research — 3 credits

Consideration of the theory and use of research for particular marketing problems; methodology of planning and conducting research studies in various marketing situations. Prerequisite: MK 301. Spring semester.

420 Applied Marketing Research — 3 credits

Designed to give the student actual experience in formal research. Representatives from the business community and governmental agencies will work closely with students in developing marketing problem situations. Prerequisite: MK 415G. Either semester.

421 Sales Administration — 3 credits

Management and administration of a sales organization, including recruiting, hiring, training, and supervising; establishment of territories; use of analytical tools as means of improving the effectiveness of salesmen. Prerequisite: MK 301. Spring semester.

425 Advanced Marketing Management — 3 credits
(Formerly Marketing Strategy)

The case study approach as applied to marketing problems. Emphasis is placed on problem definition, recognition of alternative solutions, and defense of a "best" solution. Prerequisites: MK-301 and MK-405. Spring semester.

MM MARKETING, MID-MANAGEMENT

Lower Division

100 Mid-Management Work Experience — 2 credits

Open to students enrolled in the Mid-Management program only. The student may earn 2 semester hours' credit for a maximum of four semesters or a total of 8 semester hours' credit. This provides actual experience in the retail, wholesale, or service business field as a paid employee. The student, the employer, and the program coordinator develop an individual program for each student. The student is evaluated by both the employer and the program coordinator. Each semester.

SCHOOL OF BUSINESS
Courses — RE, OA

101 Salesmanship — 3 credits
(Formerly MM 101 — Retail Selling)

A basic course in personal selling techniques as applied in working situations in the modern retail store, wholesaler, and manufacturer establishments; analysis of customer behavior and motivation; methods of creating customer attention, interest, desire, and action. Either semester.

102 Merchandise Analysis — 3 credits

A study dealing with what the product is and what the product does for the customer. Provides methods and practice in obtaining product information used by buyers, sales people, and advertising personnel. Major classes of textiles and non-textiles are surveyed. Spring semester.

105 Elements of Management — 3 credits

A study of the functions of business management: planning, organizing, staffing, directing and controlling. Special consideration is given to the concept of organizational authority and responsibility. Either semester.

201 Introduction to Marketing — 3 credits

The study of activities by which goods and services flow from the producer to the ultimate consumer. This study includes methods, policies, and evaluation of the various marketing institutions according to the function performed. Fall semester.

202 Principles of Retailing — 3 credits

Comparison of small-and-large-scale retailers. Problems of store ownership, organization, location, equipment, merchandising, planning and control. Expense and cost reduction and sales promotion are considered. Spring semester.

203 Visual Merchandising — 3 credits

Objectives and policies of sales promotion; study of the media involved. Regulations of advertising. Coordination of other factors of sales promotion such as display, selling and other merchandising factors. Preparation of copy, illustrations, layout and display. Guest lecturers from the local Retail Assn. will be used. Fall semester.

206 Supervision of Personnel — 3 credits

Economics of supervision, social and philosophical implications, training functions of the supervisor. Individual and organizational needs in regard to human relations are major points of study. Spring semester.

209 Report Writing — 3 credits

Prepares the student to write reports for business situations. Emphasis is placed on the actual preparation of reports, research methods, and the readability of the finished product. Fall semester.

213 Credit and Collections — 2 credits

A survey of the credit field including history, types, credit information, and the function of the credit department. Collection methods and procedures are given significant treatment. Spring semester.

215 Retail Buying — 3 credits

Considers the buyer's duties, techniques, and procedures of purchasing for resale, pricing of goods, and the interpreting of consumer demand. Fall semester.

RE REAL ESTATE

Lower Division

201 Fundamentals of Real Estate — 3 credits

Essentials of real estate practice; listings, sales, financing, land descriptions, real estate investments, brokerage, advertising, market analysis and fundamentals arising from real estate transactions. Either semester.

Upper Division

320 Principles of Insurance — 3 credits
(Previously CB 320)

A balanced presentation of the principles of insurance and policy analysis together with a discussion of the fundamental legal principles involved in insurance contracts. Company practices in relation to insurance management are stressed as is the field of regulation on both the theoretical and practical applications. Spring semester.

331 Appraisal of Real Estate — 3 credits
(Previously GB 331)

The nature, purpose, and functions of appraising, appraising as a profession, the nature of real property and value, the appraisal process and economic trends. The techniques involved in determining the value of real estate. Prerequisite: RE 201. Either semester.

332 Real Estate Finance — 3 credits
(Previously GB 332)

An examination of the intricacies of the real estate mortgage markets, the source of mortgage funds, instruments of mortgage debt, the federal government and mortgage markets, the lending decision, management of portfolio risk, and financing of specific types of real property. Prerequisite: RE 201. Either semester.

OA OFFICE ADMINISTRATION

Lower Division

101 Beginning Shorthand — 4 credits

A beginning course in Gregg shorthand. Emphasis is placed on theory, writing skill, vocabulary development. *Credit will not be given to students who have completed one or more years of shorthand in high school.* Recommended credit or current enrollment in OA-118. Prerequisite: demonstrated proficiency in typing or current enrollment in typing. Fall semester.

105 Beginning Typing — 2 credits

Theory and keyboard operations on the typewriter; for personal or business use. *Credit will not be given to students who have completed one or more years of typing in high school.* Fall semester.

107 Intermediate Typing — 2 credits

Review of typing fundamentals for the development of speed and accuracy. *Credit will not be given to students who have completed two years of high school typing.* Either semester.

115 Business Mathematics/Machines — 3 credits

Fundamental operations of arithmetic in concrete relation to business usage. Decimals, fractions, percentages, interest, discounts, markup, installment buying, depreciation, and graphs are considered, as well as some interpretation of financial papers. The student receives instruction on the ten-key printing calculator, the rotary calculator, and the electronic calculator. Either semester.

118 Business English — 3 credits

Emphasis on building a foundation in grammar, punctuation, vocabulary, and spelling through continued practical application. Effectiveness and correctness of expression will be demonstrated in written assignments which will include summaries of articles and business letters. Prerequisite: Passing score on English Placement Test. Either semester.

MASTER OF BUSINESS ADMINISTRATION

Objectives

The purpose of the Boise State College Program leading to the MBA Degree is to prepare the candidate for a career in business management. The curriculum is keyed to the needs of an individual who has just assumed or is preparing to assume additional broad managerial responsibilities and, since these students are pursuing graduate education concurrently with their employment, most of them will enter the program because either their present or future positions will require increased managerial competence.

The MBA curriculum at Boise State College emphasizes the development of managerial generalists, rather than specialists in any one field of business administration. To accomplish this result, the program has been fashioned with a maximum of flexibility to meet the needs of commerce and industry and the student. The student's program is analyzed, evaluated, determined and directed by an MBA advisor. It is intended that the student and his MBA advisor mutually develop a custom-designed curriculum to fit the student's background of course work and experience. In all cases, however, the MBA advisor retains approval/disapproval authority over student choices (beyond Core Requirements) to be taken for completion of the MBA degree.

General Prerequisites for Applicants

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university and who meet, and give promise of continuing to meet, the standards set by the School of Business of Boise State College. Common to all programs is a foundation of prerequisite courses in basic fields of business administration. Students presenting a bachelor's degree in business normally will have completed most or all of these requirements as part of their undergraduate program. Since, however, the Master of Business Administration program is also designed to serve the student who has completed his bachelor's degree in non-business fields such as the sciences, engineering, the liberal arts, the student must demonstrate proficiency in the prerequisite courses listed below. These prerequisites may be fulfilled by satisfactory completion of course work in these areas, or by successfully passing the appropriate CLEP examination.

121 Intermediate Shorthand — 4 credits

Review of shorthand theory with much work in dictation and transcription to improve speed and accuracy. *Credit will not be given to students who have completed two years of high school shorthand.* Prerequisite: OA-101 or advanced placement from high school work. Either semester.

201 Advanced Shorthand — 4 credits

Emphasis on the building of a broad shorthand vocabulary and the development of high speed in dictation with rapid transcription. Prerequisite: OA-121 or advanced placement from high school work. Either semester.

209 Advanced Typing — 2 credits

Continued study of typewriting procedures to develop speed and accuracy in office applications. Prerequisite: OA-107 or advanced placement from high school work. Either semester.

211 Production Typing — 2 credits

Advanced work in the use of business forms, letters, legal documents, and tabulation on the typewriter. Prerequisite: OA-209. Spring semester.

221 Secretarial Transcription — 4 credits

Advanced instruction in office transcription. Opportunities for special transcription practice of a medical or legal nature will be provided. Prerequisite: OA-201. Spring semester.

240 Secretarial Writing — 2 credits

An intensive course for secretarial students in letter writing, preparation of summaries and publicity releases. Punctuation and correct usage will be reviewed as needed. Prerequisite: OA-118. Spring semester.

Upper Division

309 Records Preparation and Management — 3 credits

Creation, processing, maintenance, protection and destruction of business records. These topics will be covered both from the theoretical point of view and by the use of practical application. The ability to analyze a problem and make a decision will be stressed. Fall semester.

310 Administrative Office Procedures — 3 credits

Office procedures at the administrative level. The case study and project approach will be used. Procedures necessary to direct and supervise office activities as well as perform them. Spring semester.

317 Office Management — 3 credits

A study of organization and management of an office, including personnel problems, records, ratings, the allocations of functions and responsibilities, and office supervision. Spring semester.

328 Business Communication — 3 credits

Effective communication of written and oral ideas is stressed. Special emphasis is placed on psychology of letter writing as a management tool and on report writing and methods of interpreting reports. The course includes an introduction to office dictation. Either semester.



SCHOOL OF BUSINESS
Graduate Program

Specific Prerequisites for Applicants

All applicants must meet the following undergraduate requirements or fulfill these requirements before entering upon the graduate program:

- (a) Possession of bachelor's degree from an accredited institution
- (b) GPA of 2.5 or above, or 2.75 for Junior Senior GPA.
- (c) A score of 450 or better on Admissions Test for Graduate Study in Business (ATGSB). In addition, for foreign students a score of 525 on the TOEFEL is necessary.
- * (d) Prerequisite courses or their equivalent:
 - 1. Accounting (equivalent to one year)
 - 2. Economics (equivalent to one year)
 - 3. Business Statistics
 - 4. Marketing
 - 5. Management
 - 6. Finance
 - 7. Data Processing
 - 8. College Level Mathematics (equivalent to one year)

*Students who are deficient in any prerequisite courses *must* remove these deficiencies prior to enrollment in 500 level courses.

The student may be required to remove other deficiencies as determined by the School of Business.

All applicants must be accepted by the Graduate School of Boise State College in order to achieve the MBA degree.

The Graduate Degree Program

The Master of Business Administration Graduate Program consists of a minimum of thirty (30) semester hours of credit selected from the offerings hereinafter listed and determined as follows:

Required Core Courses 12 credits
Electives (Chosen in consultation with
the student's MBA advisor) . . . 18 credits

In order to ensure breadth in this program, students are cautioned that no more than 6 credits of electives may be taken in any one specific field.

A maximum of nine (9) graduate credits may be accepted from other graduate schools upon request and a determination of acceptability. Students desiring transfer credits must apply on the Program Development form with appropriate supporting documents, transcripts, to the Dean, School of Business.

Candidates may elect a maximum of six (6) credit hours from the "400" level courses in the Undergraduate School of Business Program, as approved by the student's MBA advisor. (Only those courses designated G on the following page are approved.) These may be used to complete the thirty credit hour requirement for graduation.

Under certain conditions with the approval of the assigned advisor and the department chairman concerned, MBS students may earn up to a maximum of 3 credit hours of Independent Study or Internship credits which apply to graduation requirements.



Required Core Courses (12 credits)

MB-510 Business and its Environment — 3 credits

This course involves examination of the interaction between business and the economic, social, political and legal order. By utilizing analysis of particular situations, it focuses attention on the broad effects of this total environment upon the administration of business. Emphasis is placed on students testing their own values as they relate the appropriate responsibilities of business to its various publics.

MB-511 Business Research and Communication Techniques — 3 credits

Analysis of the scientific method of inquiry and specific research techniques. Evaluation of reports in terms of reliability and validity of conclusions. Development of a critical sense and analytical ability for effective expression in reports, articles and other forms of operational communications. Opportunities for oral presentations of business information to groups and to lead and participate in such group interpersonal communication situations as conferences, meetings and discussions.

MB-512 Quantitative Methods for Business Decisions — 3 credits

Quantitative techniques intended to familiarize the student with business applications of statistical methods as applied to decision making under uncertainty and risk. Includes production models, inventory control models, management models, marketing surveys and capital budgeting models, regression analysis, analysis of variance and sampling techniques. Prerequisite: M 561 (Math For Operations Research) or pass appropriate examination demonstrating sufficient background knowledge for this course of study.

MB-513 Business Policy Formulation — 3 credits

This course utilizes complex business cases, business simulation and specialized functional knowledge to determine business decisions, strategy and policies.

Elective Courses (18 credits)

(Limit of 6 credits in any one specific field)
To Be Selected by the Candidate and His Advisor

MB-520 Marketing Problems — 3 credits

Analytical approach to marketing problem solving and decision making, covering market definition, personal selling, advertising and sales promotion, channels of distribution, strategy formulation, product development procedures, and customer services. Case study approach is utilized.

MB-530 Financial Management — 3 credits

Analysis of financial problems and formulation of financial policies through case studies. Covers financing of current operations and long-term capital needs, income management and expansion policies.

MB-532 Accounting — Planning and Control — 3 credits

A study of the planning and control processes within an enterprise to assist in the making of business decisions. Problems and cases are considered in profit planning and analysis, cost analysis for pricing, and capital budgeting. Overall objective is an understanding of improved techniques of cost planning and control.

MB-540 Organization Theory — 3 credits

Problems of organization dynamics and behavioral science research findings and their application to business organizations.

MB-541 Personnel Policy — 3 credits

Human resource administration is examined and critically analyzed as it applies to business, government and institutional organizations. Analysis of factors underlying managerial policy decisions relating to selection, development, and motivation of human resources and of the personnel programs designed to implement these decisions. Current trends in the personnel field are examined.

MB-542 Computer Applications for Management — 3 credits

A review and analysis of computer oriented applications used in reaching management decisions. Includes realistic applications presently used in the business environment of such techniques as linear programming, regression analysis, matrix analysis and other techniques vital to today's management.

MB-550 Managerial Economics — 3 credits

Application of economic concepts and analysis to the problem of formulating rational managerial decisions. Emphasis on measurement and forecasting of demand and costs, capital budgeting, profit objectives, market structure and pricing policies.

Selected Topics in the following functional areas will be offered as staff availability permits. (3 credits each)

MB-580 Selected Topics — Accounting

MB-581 Selected Topics — Information Systems

MB-582 Selected Topics — Economics

MB-583 Selected Topics — Finance

MB-584 Selected Topics — Industrial Psychology

MB-585 Selected Topics — Management

MB-586 Selected Topics — Marketing

MB-596 Independent Study — variable credits

Involves special projects undertaken by the MBA student, consisting of individual work suited to the needs and interests of the student. The course embodies research, discussions of the subject matter and procedures with a designated professor, and a documented paper covering the subject.

MB-599 Workshop/Conference — 1 credit

Workshop/Conferences will be offered each semester. Various topics from all of the functional areas of business will be covered. The area selected will be based upon student interest and staff availability. Students may apply 3 of these toward MBA graduation credit.

AC 440 G Accounting Theory — 3 credits

A specialized course to provide a frame of reference for advanced accounting students in theory of income, in assessed valuation, and in the history of accounting thought. Recommended for those students planning on the CPA examination. Prerequisite: AC-202.

EC 421 G-EC 422 G Econometrics — 3 credits

Study and application of the principal mathematical equations used in economics. Designed to acquaint the student with a mathematical approach to economic theory. Prerequisite: Math 106 or equivalent and permission of the instructor.

GB 441 G Government and Business — 3 credits

A study of the extent of government involvement in business at both the national and state levels. Includes study of anti-trust, food and drug, labor, civil rights, and other legislation and administration. A survey of governmental powers pertaining to the involvement of government in business affairs is also included.

MK 415 G Marketing Research — 3 credits

Consideration of the theory and use of research for particular marketing problems; methodology of planning and conducting research studies in various marketing situations. Prerequisite: MK-301.





PART 5

School of Education

SCHOOL OF EDUCATION

Dean: Gerald R. Wallace, Ed.D.
Assistant Dean: Clyde Martin, Ed.D.

Departments and Faculty

Center for Counseling, Guidance and Testing:

Dr. D. Torbet, *Director*
Professor: D. Torbet
Assistant Professor: M. Callao, A. DeLaurier, J. Dodson
Psychometrist and Instructor: C. Areola

Department of Health, Physical Education and Recreation:

Dr. G. Cooper, *Chairman*
Professors: G. Cooper, L. Smith
Associate Professor: B. Bowman
Assistant Professors: P. Bowman, J. Boyles, D. Connor, P. Holman, E. Jacoby, W. Jones, R. Lewis, C. Thorngren, R. Vaughn
Instructors: M. Young, S. Wallace
Emeritus: H. Westfall

Department of Athletics

L. Smith, *Director*
R. Stevenson, *Assistant Director*

Coaching Staff:

S. Burrata, D. Connor, C. Dine, B. Golden, E. Jacoby, W. Jones, A. Knap, M. Montgomery, D. Nickel, A. Rita, R. Sargent, L. Smith, R. Vaughn, D. Woolsey, M. Young

Department of Psychology:

Dr. J. Phillips, *Chairman*
Professors: J. Phillips, W. Sickles, D. Smith, D. Torbet, D. Taylor
Associate Professors: W. Barsness, D. Heacock, G. Ison, E. Wilkinson
Assistant Professors: M. Snow, S. Thurber, H. Steger
Emeritus: W. Bronson

Department of Teacher Education & Library Science:

Dr. C. Martin, *Chairman*
Dr. N. Sadler, *Coordinator of Field Services*
Professors: J. Barnes, R. Bullington, A. Chatburn, A. McDonald, G. Wallace, V. Young
Associate Professors: J. Beitia, P. Bieter, J. Dahlberg, M. Fairchild, C. Frederick, J. Jensen, W. Kirtland, R. Marks, C. Martin, G. Reed, J. Tucker, J. Wolfe
Assistant Professors: C. Burtch, T. Comba, J. Davis, R. Friedli, K. Hill, G. Hunt, N. Sadler
Instructor: C. Garcia
Emeritus: K. Hill

Instructional Materials Center:

J. Hartvigsen, *Director and Assistant Professor*
K.W. Christensen, D. Graybeal, W. Stokes

Curriculum Resource Center:

A. Olson, *Librarian*

Reading Education Center:

W. Kirtland, *Director and Associate Professor*
C. Frederick, R. Marks

Educational Television:

J. Schlaefle, *Director and Assistant Professor*
C. Cope, P. Corbin, K. Frink, H. Hansen, E. Korte, V. McArthur, C. Neher, T. Oakland, R. Pyle, S. Streiff, R. Tessman

Summary of Faculty by Rank

Professors	13
Associate Professors	16
Assistant Professors	24

The School of Education offers majors in Elementary Education; Physical Education for Men, Secondary Education; Physical Education for Women, Secondary Education Option, and Psychology, Liberal Arts Option. It offers course work of both professional and academic nature to students in these and in other major curricula throughout the College. The academic course work is designed to develop ability in and appreciation of scientific thinking about behavior. Professional training is directed primarily toward the mastery of skills that are needed by teachers in the elementary and secondary schools.

TEACHER EDUCATION

In addition to its course offerings, and closely related to its professional training programs, is the integrative and supervisory function of the Department of Teacher Education in the total preparation of elementary and secondary school teachers and librarians. The following paragraphs explicate that function, and every prospective teacher should read them carefully.

The Department of Teacher Education is responsible for planning and conducting the Teacher Education Program, which includes the preparation of school librarians as well as elementary and secondary teachers. The programs are outlined in accordance with the aims and general graduation requirements of Boise State College and the certification requirements of the Idaho State Board of Education. The Department of Teacher Education has an institution-wide commitment to the preparation of teachers, a commitment that is implemented in close cooperation with the subject-matter departments.

As a foundation for high-quality professional work, prospective teachers are provided with a well-rounded general education in the humanities and in the social and natural sciences. Each student also receives special preparation for the particular kind of education work he plans to do.

Admission to School of Education

- A. Students preparing to teach must apply for admission to the School of Education during the sophomore year. This application will be secured and processed as a part of the TE-201, Foundations of Education course (required for certification).

Transfers who have completed an equivalent course in Foundations at another institution will secure the application for admission from the Assistant Dean's office. The form is entitled, "Admission to the School of Education."

- B. General requirements for admission to the School of Education for elementary or secondary candidates shall be determined and implemented by the Department of Teacher Education. These requirements shall include:

1. Filing of the "Admission to the School of Education" application.
2. A minimum grade of "C" in TE-201 or its equivalent.

3. A satisfactory test score in a prepared "English Qualification Examination." This examination will be prepared and administered by the Department of Teacher Education. The test will be a part of the course work of TE-201, Foundations of Education, given in the sophomore year. Students who fail this examination will be advised as to procedures for improving writing skills. Students may re-apply for future examinations and must pass the qualifying examination. Transfer students who have already taken the Foundations course at another institution will take the qualifying examination and will be subject to the above regulations.

4. "Pass" by the Foundations of Education instructor in oral communication.
5. Satisfactory completion of an observation and teacher assistant experience in a public or non-public elementary or secondary school. The experience is a part of the course work in TE 201, Foundations of Education, given in the sophomore year. Transfer students who have completed Foundations of Education will be required to have this experience. The intent of the requirement is to provide an opportunity for potential teachers to verify a desire to work with students in a school situation. Variations in the type of experience acceptable to the School of Education are to be approved by the chairman of the Department of Teacher Education.

Admission to Student Teaching and General Policies

- A. An application for a specific student-teaching assignment must be filed with the Department of Teacher Education by March 1 of the junior year. Application forms may be secured from the Office of the Coordinator of Field Services.
- B. General requirements for admission to student teaching for elementary or secondary candidates include:

1. Elementary Major

- a. Admission to the School of Education
- b. Recommendation by the faculty advisor or department chairman.
- c. A cumulative grade point average of 2.25.
- d. Elementary Curriculum and Methods, TE-351 and TE-352 are to be taken concurrently with student teaching.
- e. Student teachers are assigned to a school for 1/2 day during two semesters.
NOTE: Deviations from the above policies must be approved by the chairman of the Department of Teacher Education and Library Science. In reference to "e", all student teachers must be taking TE-351 (Language Arts emphasis) concurrently with student teaching or prior to student teaching.
- f. Senior standing

2. Secondary Option

- a. Admission to the School of Education
- b. Recommendation by the faculty advisor or the department chairman.
- c. A minimum grade point average of 2.25 in the major field, minor field if applicable, and the education courses completed.
- d. A minimum cumulative grade point average of 2.1.
- e. Satisfactory completion (minimum grade of "C") of the class Secondary School Methods, and/or the appropriate class or classes in special methods for the teaching area. *NOTE:* A listing of Secondary Methods and special meth-

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ods classes is given according to the Concentrated Course Blocks under Secondary Student Teaching. Students are encouraged to complete both Secondary and special methods prior to student teaching.

- f. Senior standing
- g. Sufficient credit hours in the assigned teaching area.

NOTE: Secondary certification requires a composite of 45 semester credit hours in a major teaching field or 30 semester credit hours in the major teaching field and 20 semester credit hours in a minor teaching field. Hence, student teachers should be within approximately six hours of the above certification requirements.

- C. Student teachers are expected to do responsible teaching, participate in co-curricular activities, maintain close contact with faculty and students in the public schools, and participate in seminars and conferences with their college supervisors.
- D. Students who transfer to Boise State College must meet admission requirements for School of Education and student teaching and complete at least 6-9 semester hours at the institution before being placed in student teaching.

ELEMENTARY EDUCATION

Students preparing to teach in the elementary grades will major in Elementary Education and complete a program of studies approved by the Chairman of the Department of Teacher Education and consisting of general and professional education courses.

Requirements for the Bachelor of Arts in Elementary Education:

1. General College graduation requirements to include:

Mathematics for Elementary Teachers	6
English Composition 101 and 102	6
Laboratory Science to include both Biological and Physical Science or Earth Sciences	12
History of Western Civilization	6
U. S. History	6
Federal Government	3
General Psychology	3
Child Psychology	3
Geography	3
Social Science chosen from: Economics, Sociology or Anthropology	3
Humanities or Introduction to Art, or Music or Drama	6
Music Fundamentals	2
Literature	6
2. Professional education requirements:

Elementary School Physical Education Methods	2
Public School Music	2
Elementary School Art Methods	3
Children's Literature	3
Audio Visual Aids	2
Educational Psychology	3
Elementary Curriculum and Methods I and II	10
Elementary Student Teaching	10
Foundations of Education	3
Speech Communications for Teachers	3
3. Departure from this program must be approved by the Chairman of the Department of Teacher Education.

Suggested Bachelor of Arts Program

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Laboratory Science (Biological or Physical Science)	4	4
History of Western Civilization	3	3
General Psychology	3	—
Physical Education Activities	1	1
Electives	2	4
	16	15
SOPHOMORE YEAR:		
Introduction to Humanities or (two of the following: Introduction to Music, Introduction to Art, Introduction to Drama)	3	3
Second Laboratory Science	4	—
Fundamentals of Math for Elementary Teachers	3	3
Survey of American Literature	3	—
U.S. History	3	3
Geography	—	3
Foundations of Education	—	3
Electives	—	2
	16	17
JUNIOR YEAR:		
Literature	—	3
Federal Government	3	—
Child Psychology	3	—
Educational Psychology	—	3
Elementary School Physical Education	2	—
Speech - Communications for Teachers	—	3
Social Science Elective (Economics, Sociology or Anthropology)	—	3
Music Fundamentals	2	—
Public School Music	—	2
Children's Literature	3	—
Electives (Upper Division)	3	2
	16	16
SENIOR YEAR:		
Audio Visual Aids	2	—
Elementary School Art Methods	—	3
Elementary Curriculum and Methods	5	5
Elementary School Student Teaching	5	5
Electives (Upper Division)	3	5
	15	18

Students from Boise State College will be recommended for an elementary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of the Bachelor of Arts degree in Elementary Education.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the Department of Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of subject matter taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow a specialized program determined by the Department of Teacher Education and Library Science.

SECONDARY EDUCATION

The Department of Teacher Education serves as consultant in the establishment of "secondary education options" within each of several subject-matter areas. (See the *Secondary Certification Options* in the School of Business; the School of Arts and Sciences; and the Physical Education Department in the School of Education.) The Department of Teacher Education does not offer degrees "in secondary education."

Students preparing to teach in junior or senior high school should major in the subject-matter fields in which they plan to teach. Each student must complete the required professional education courses and the necessary subject matter major under the direction of an advisor in his major department.

Certification Requirements for Secondary Education

Students from Boise State College will be recommended for a secondary teaching certificate to the State Department of Education after meeting the following requirements:

1. Completion of a baccalaureate degree including education requirements.
2. A satisfactory experience in student teaching as determined by the Department of Teacher Education and Library Science.
3. A recommendation by the Dean of the School of Education indicating that the candidate has the approval of the department subject area specialization and the Department of the Teacher Education and Library Science. Such approval is to be based primarily on evidence of knowledge of the subjects to be taught, demonstrated teaching techniques, and ability and attitude to work with students and adults.

NOTE: Students with previously earned degrees may follow specialized programs determined by the Department of Teacher Education and Library Science.

Idaho requires a total of twenty semester credit hours "in the philosophical, psychological, and methodological foundations of education, which must include not less than six semester credit hours of secondary student teaching."

These requirements are translated into the following required Boise State College courses:

TE-201	Foundations of Education	3 credits
P-312	Adolescent Psychology	3 credits
P-325	Educational Psychology	3 credits
TE-381	Secondary School Methods	3 credits
TE-481	Secondary Student Teaching	6 credits

Total 15 credits

In addition to these required courses, a student may choose from the following courses (if they are appropriate to his teaching field) to complete the *required twenty semester credit hours*. (A student may wish to take more than the minimum twenty credit hours.)

P-312	Adolescent Psychology	3 credits
P-325	Educational Psychology	3 credits
TE-356	Audio-Visual Aids in Education	2 credits
TE-371	Guidance for the Classroom Teacher	3 credits
AR-351	Secondary School Art Methods	3 credits
BE-401	Methods in Business Education	3 credits
BE-421	Business Curriculum and Problems	3 credits
E-301	Teaching English Comp	3 credits
E-381	Methods of Teaching	3 credits
M-490	Mathematics in Secondary Schools	3 credits
MU-257	String Instrumental Techniques and Methods	2 credits
MU-266	Woodwind Instrumental Techniques and Methods	2 credits
MU-368	Percussion Techniques and Methods	2 credits
MU-369	Brass Instrumental Techniques and Methods	2 credits
MU-371	Public School Music	2 credits
MU-385	Choral Methods and Materials	2 credits
PE-425	Problems in Physical Education	2 credits
SP-311	Speech Communication for Teachers	3 credits

Each certified secondary school teacher must have one of the following options:

- (1) A major teaching field of *at least 30 semester credit hours*, and a minor teaching field of *at least 20 semester credit hours*.
- (OR)
- (2) A single teaching field of *at least 45 semester credit hours*.

Following is a list of some of the teaching areas for which Idaho endorses certificates, regardless of the area is a major or a minor teaching field. Included in the teaching fields listed below is the specifically required minimum course content for each field. (Reproduced from the Idaho SDE pamphlet published 1972.)

English

Not less than six semester credit hours in composition and not less than six semester credit hours in American and English Literature. The remainder may be distributed in the related fields of speech, drama, and journalism.

Speech-Drama

Credits spread over both fields with not less than six semester credit hours in each. For separate endorsement in speech or drama, not less than fifteen semester credit hours in the field to be endorsed.

Journalism

Not less than fifteen semester credit hours in journalism and the remainder, if any, to be chosen from English.

Social Studies

Not less than six semester credit hours in American History and not less than three semester credit hours in American Government. In addition, work in two of the following fields to be represented: world history, geography, sociology and economics.

American Government

Not less than six semester credit hours in American Government, six semester credit hours in American History and three semester credit hours of comparative government.

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Department of Teacher Education and Library Science

American History

Not less than nine semester credit hours in American History and not less than three semester credit hours in American Government. The remaining work is to be in history and political science.

Biological Science

Credits distributed in the areas of botany and zoology, including at least six semester credit hours in each. Some work in physiology is recommended.

Physical Science

At least eight semester credit hours in chemistry and eight semester credit hours in physics.

General Science

Credits to include work in each of the following fields: physical, biological and earth science.

Mathematics

Credits to include work in algebra, geometry and trigonometry.

Physical Education

Credits distributed to include work in anatomy or physiology and health education.

Secretarial Science

Six semester credit hours in shorthand and at least one course in intermediate or advanced typewriting. The other credits are to be distributed in business courses which ensure knowledge of office machines, business and office practices and procedures.

Bookkeeping

Credits in business subjects, including at least one course in intermediate or advanced typewriting and not less than six semester credit hours of accounting with additional work in business law and business administration.

Business Education

Credits to include work in each of the following fields: typewriting, shorthand, accounting and office machines. Additional work may be selected from business law, business administration, retail merchandising, economics and office procedures.

Driver Education

An Idaho Driver Education teacher shall:

Have four semester credit hours which shall consist of not less than two semester credit hours in basic driver education for teachers and followed by not less than two semester hours in courses such as the following:

Advanced driver education, general safety education, traffic engineering, driving simulator education, and highway transportation.

Have three years of satisfactory driving experience immediately preceding the time of teaching, as evidenced by the State Department of Law Enforcement, Traffic Safety Division.

This change given above was effective for all teachers of driver education in the State of Idaho on September 1, 1968.

Music

Credits to include work in theory and harmony, applied music (voice, piano, organ, band and orchestra instruments), History and Appreciation, Conducting, and music methods and materials.

Arts and Crafts

Credits to include work in four of the following areas: wood-working, drafting, ceramics, leather work, plastic, the graphic arts and art metal.

Secondary Student Teaching

Secondary Education Student Teaching for 1974-74

Student teaching will be given in 4 blocks of nine weeks each, all day. The first nine weeks will accommodate physical education majors, summer school candidates, transfers from other institutions and, if necessary, those who will graduate in December. The second nine weeks block will be reserved for history and social science majors, mathematics majors, and, if necessary, for students who will graduate in December. Business Education and English majors will student teach the third nine weeks block (first nine weeks of second semester); the fourth block of nine weeks will service all science, music, art, speech and drama, and foreign language majors for the student teaching assignment. Permission for any deviation to the above placement of major fields must be granted by the Chairman of the Department of Teacher Education.

Concentrated Course Blocks, 1974-75

The student will take a group of subjects (6-9 semester hours) during the balance of the semester, complementing the assigned student teaching block. Scheduling of the CCB will be done by the advisors in the major subject department as follows:

Scheduling by Departments

Art

CCB No. 3
Student Teaching No. 4 (6 credits)
CCB Choices: (8-9 credits)
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)

Business

CCB No. 4
Student Teaching No. 3 (6 credits)
CCB Choices: (8-9 credits)
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Speech Communication for Teachers, CM-311 (3)
Business Curriculum and Problems, BE-421 (3)
Secondary School Methods, TE-381 (3)

Note: BE-401 Methods in Business Education (3) is to be taken the semester preceding student teaching.

Communications (Speech)

CCB No. 3
Student Teaching No. 4 (6 credits)
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)

English

CCB No. 4
Student Teaching No. 3 (6 credits)
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Speech Communication for Teachers, CM-311 (3)
Secondary School Methods, TE-381 (3)

Note: E-318 Methods of Teaching Secondary School English (3) is to be taken the semester preceding student teaching.

Foreign Languages

- CCB No. 3
Student Teaching No. 4 (6 credits)
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)

History

- CCB No. 1
Student Teaching No. 2 (6 credits)
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Speech Communication for Teachers, CM-311 (3)
Secondary School Methods, TE-381 (3)
History — Civil War and Reconstruction, HY 354

Mathematics

- CCB No. 1
Student Teaching No. 2 (6 credits)
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Speech Communication for Teachers, CM-311 (3)
Secondary School Methods, TE-381 (3)
Foundations of Geometry, M-311 (3)
Mathematics in Secondary Schools, M-490 (3)

Music

- CCB No. 4
Student Teaching No. 3 (6 credits)
CCB Choices:
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)
(Music courses to be arranged)

Physical Education

- CCB No. 2
Student Teaching No. 1 (6 credits)
CCB Choices: (8-9 credits)
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Gymnastics, Apparatus, Fitness Techniques, PE-336 (2)
Problems in Physical Education, PE-425 (2)
Problems in Interscholastic Athletics, PE-430 (2)
Note: Secondary School Methods, TE-381 (3) is to be taken the semester preceding student teaching.

Sciences

- CCB No. 3
Student Teaching No. 4 (6 credits)
CCB Choices: (8 credits)
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Secondary School Methods, TE-381 (3)

Social Science

- CCB No. 1
Student Teaching No. 2 (6 credits)
CCB Choices: (8-9 credits)
Audio-Visual Aids, TE-356 (2)
Educational Psychology, P-325 (3)
Speech Communication for Teachers, CM-311 (3)
Secondary School Methods, TE-381 (3)
History — The National Era, 1815-1848, HY-353 (3)
Note: Transfers from other institutions to Boise State College will need to be integrated as soon as possible into a schedule.

Placement

A Teacher Placement Service is maintained by the College Placement Office, which is administered by the Dean of Student Personnel Services.

Center for Counseling, Guidance, and Testing

The Center provides special services for students with problems in educational, vocational and personal areas. The Center is especially designed for students with specific reading problems. Other services include professional testing and counseling.

Reading Education Center

This Center provides special services for college and public school students with specific problems in reading.

Faculty members, public school teachers and parents may seek assistance from the Reading Education Center for students who need diagnosis followed by planned instruction for improvement.

MINOR OPTION

LIBRARY SCIENCE TEACHING MINOR

In addition to general certification requirements, the training required for teacher librarians, at any grade level, shall be not less than 24 semester credit hours in the general field of educational media, 12 of which must be in the areas of material selection, organization and administration, cataloging and classification, and reference, and bibliography. Students must be able to type.

Up to six semester credit hours in the subject areas listed below may be substituted for an equal number of hours in the field of educational media, for the purpose of meeting the requirements for the endorsement:

- Philosophy of Education
- Educational Administration
- Curriculum Design or Development
- Pedagogy or Methods of Instruction
- Educational Psychology, or Theory of Learning
- Child or Adolescent Psychology
- Communications
- Graphic Arts

A student wishing to become a professional librarian by continuing in a graduate school of librarianship should consult with the library staff, or with the library science instructor, for guidance in planning his undergraduate program. These basic courses which follow, however, will give suitable academic training for librarians in small public libraries of the area, who are unable to afford graduate library schools:

Introduction to Use of Libraries	2	} 12	} 15	} 20-22
* Library Organization and Administration	3			
* Reference and Bibliography	3			
* Basic Book Selection	3			
* Cataloging and Classification	3			
* Children's Literature	3	} 15	} 20-22	
Audio Visual Aids in Education	2			
Literature for the Adolescent	3			

- * Basic Requirements
- ** For all Elementary Education Majors.

DEPARTMENT OF HEALTH, PHYSICAL EDUCATION AND RECREATION

Dr. G. Cooper, *Chairman*

Professors: G. Cooper, L. Smith

Associate Professor: B. Bowman

Assistant Professors: P. Bowman, J. Boyles, D. Connor, P. Holman,
E. Jacoby, W. Jones

Instructors: S. Wallace, M. Young

PHYSICAL EDUCATION

The Department of Health, Physical Education and Recreation offers a major with specialization in secondary school physical education and minors in secondary school physical education and athletic coaching. In addition, courses are offered in Health, Recreation, Elementary School Physical Education and Physical Education for Special Education Teachers. Students who complete the major program are eligible to receive the Standard Secondary School Teaching Certificate issued by the State of Idaho.

The Physical Education-Recreation area and all of its facilities are available for student and faculty use. Students are encouraged to participate in the intramural-extramural program offered by the department.

Elective Physical Education Activity Program:

EIGHT SEMESTER HOURS OF PHYSICAL EDUCATION ACTIVITY COURSES MAY BE COUNTED TOWARD GRADUATION.

The elective physical education program at Boise State College has been designed with the needs of the student in mind. Emphasis is placed on instruction to meet the following objectives:

1. To develop the physical capacities that comprise the biological bases for physical fitness.
 2. To improve skills in basic body mechanics, team and individual sports, and in rhythmic and creative activities.
 3. To develop an understanding of self through movement experiences.
 4. To acquire knowledge and understanding of the rules, courtesies, customs, strategies, and techniques of several sports.
 5. To improve social competency and emotional stability through participation in sports activities.
- The elective program includes beginning level activities and intermediate/advanced level activities. No courses may be repeated for credit.

Elective activities are: Beginning Swim, Intermediate/Advanced Swim, Self-Defense, Intermediate/Advanced Self-Defense, Badminton, Intermediate/Advanced Badminton, Volleyball, Intermediate/Advanced Volleyball, Basketball, Intermediate/Advanced Basketball, Tennis, Intermediate/Advanced Tennis, Field Hockey, Intermediate/Advanced Field Hockey, Softball,

Soccer, Intermediate/Advanced Soccer, Judo, Intermediate/Advanced Judo, Archery, Intermediate/Advanced Archery, Golf, Intermediate/Advanced Golf, Track and Field, Handball and Court Games, Recreational Dance, Activities for Fitness, Folk and Square Dance, Modern Dance, Bowling, Intermediate/Advanced Bowling, Skiing and Mountaineering, Defensive Tactics, Touch Football, Fencing, Intermediate/Advanced Fencing, Water Polo, Springboard Diving, Scuba Diving, Backpacking and Camping, Karate, Fly Casting and Fly Tying.

REQUIREMENTS FOR PHYSICAL EDUCATION MAJOR

Bachelor of Science Degree

	CREDITS
I. Physical Education Major (Secondary Education Option)	
A. General College and Degree Requirements	3 or 6
English Comp	3 or 6
B. Area I Requirements	12
(Three fields must be represented)	
C. Area II Requirements	12
General Psychology	3
Communications	3
Area II Electives	6
D. Area III Requirements	13
Concepts of Biology	4
Foundations of Physical Science	4
Human Anatomy and Physiology	5
E. Additional Credits chosen from Area II and / or III	9
F. Physical Education Requirements	39
Introduction to Physical Education	2
First Aid, Health, and Safety	3
Foundations of Physical Education	3
Tests and Measurements	2
Skills for Teaching Physical Education	6
Kinesiology	3
Physiology of Exercise	3
Organization & Administration of Physical Educ.	3
Problems in Teaching Physical Education	2
Physical Education Activities	8
Requirements: Gymnastics and Recreational Dance	
4 courses selected from Individual Sports	
2 course selected from Team Sports	
Physical Education Electives	4
The following courses are especially recommended: Elementary School Physical Educ., Correctives, Care & Treatment of Athletic Injuries, Introduction to Recreation, Gymnastics Apparatus and Fitness Techniques, Dance Techniques, Problems in Interscholastic Athletics, and Coaching Methods.	
G. General Education Requirements for State Certification	20
Foundations of Education	3
Educational Psychology or Adolescent Psychology	3
Secondary School Methods	3
Student Teaching	6
Education Electives	5
H. Additional Electives	17
TOTAL	128

II. Physical Education Minor

A. Program for Men and Women

1. Physical Education courses required	24
Introduction to Physical Education	2
First Aid, Health and Safety Education	3
Skills for Teaching Physical Education	6
Kinesiology (Prerequisite: Anatomy and Physiology)	3
Physical Education activities electives (includes Gymnastics, Recreational Dance, and 4 courses selected from Swimming, Soccer, Volleyball, Tennis, Badminton, Track and Field, Field Hockey, Archery, Golf.)	6
Physical Education Electives	4

III. Coaching minor (men)

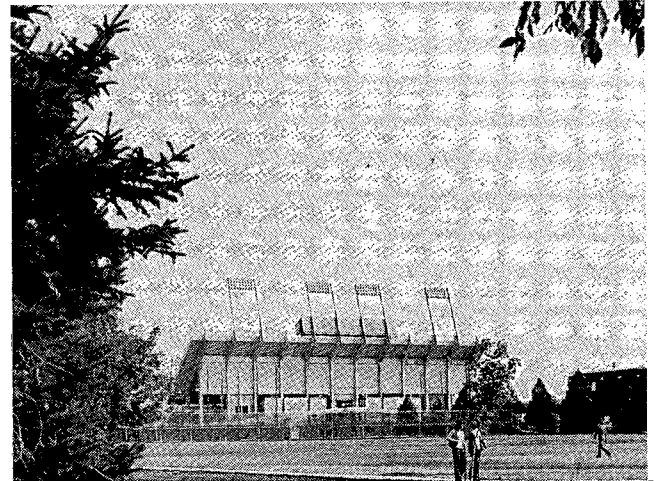
1. Physical Education Courses required	23
Introduction to Physical Education	2
First Aid, Health and Safety Education	3
First semester Course Skills of Teaching	3
Physical Education	3
Care and Treatment Athletic Injuries	2
Physiology Exercise (Prerequisite: Anatomy and Physiology)	3
Problems in Interscholastic Athletics	2
Coaching Methods	8

PHYSICAL EDUCATION MAJOR

(Suggested Program)

Bachelor of Science Degree

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Concepts of Biology	4	—
Foundations of Physical Science	—	4
Communications	3	—
Introduction to Physical Education	2	—
Elective Physical Education Activity	1	1
First Aid, Health, and Safety Education	—	3
Area I Electives	—	3
Area II Electives	3	—
Sociology Elective	—	3
	16	17
SOPHOMORE YEAR:		
Literature	3	—
Anatomy and Physiology	—	5
General Psychology	3	—
Tests and Measurements	2	—
Foundations of Physical Education	—	3
Area I Electives	3	3
Area II and/or III Electives	4	4
Physical Education Electives	2	—
Foundations of Education	—	3
	17	18
JUNIOR YEAR:		
Kinesiology	3	—
Physiology of Exercise	—	3
Skills for Teaching Physical Education	3	3
Adolescent or Educational Psychology	3	—
Secondary School Methods	—	3
Electives	6	6
Physical Educ Electives	2	2
	17	17
SENIOR YEAR:		
Student Teaching	6	—
Problems in Teaching Physical Education	2	—
Organization and Administration of Physical Education	—	3
Education Electives	—	3
Electives	—	10
Physical Education Electives	4	—
	12	16



DEPARTMENT OF PSYCHOLOGY

Dr. J. Phillips, *Chairman*

Professors: J. Phillips, W. Sickles, D. Smith, D. Torbet, D. Taylor

Associate Professors: W. Barsness, D. Heacock, G. Ison, E. Wilkinson

Assistant Professors: M. Callao, J. Dodson, M. Snow, H. Steger, S. Thurber

The School of Education, through its Department of Psychology, confers a baccalaureate degree in psychology. Because of the core requirements for all candidates, it is regarded as a degree in general psychology but considerable latitude is allowed within the framework set by those requirements, as at least twelve hours of each student's course work in psychology are "elective."

The student should be aware, however, that even the elective courses function as parts of a total program designed to produce a graduate with a strong background in basic psychology, and he should not regard successful completion of that program as a preparation to perform psychological services. Rather, he should think of it as (1) a demonstration of educational attainment, like any other successful academic experience, and (2) preparation for more specialized training in professional or academic psychology or in some related field.

Every psychology major, must sit for the Graduate Record Examination (both "Aptitude" and "Advanced") at some time during his senior year and have the results sent to the Department.

REQUIREMENTS FOR PSYCHOLOGY MAJOR

Bachelor of Arts or Bachelor of Science

	CREDITS
I. Lower division:	
A. Psychology (see: Area II, below)	
B. Other	
1. Area I	15-18
English Composition	3-6
Literature	3
Second Area I field*	3
Third Area I field*	3
Any Area I field**	3
2. Area II	15
History	3
General Psychology, P-101	3
Physiological Psychology, P-225	3
Intro to Practice of Psych, P-201	3
Third Area II field	3
3. Area III	19
Mathematics for the Life Science, M-115-116	10
Concepts of Biology, B-103	4
Human Physiology and Anatomy, Z-107	5
II. Upper Division:	
A. Psychology	25
1. Statistical Methods P-305	3
2. Experimental Psychology P-321	4
3. Psychological Measurement P-421	3
4. Learning, P-441	3
5. Psychological Systems P-461	3
6. Electives in psychology	9
B. Upper Division Electives	15
III. Free electives (36-39 credits)	

NOTE: Only 12 SPECIAL TOPICS credits may be used in meeting college core requirements.

* excluding performance courses

** including performance courses

Course Offerings

PE PHYSICAL EDUCATION

101 Introduction to Physical Education (co-ed) — 2 credits
(2 1-hour lectures, 1 hour lab.) Designed to give the prospective physical education teacher an understanding of what is involved in the profession; physical education as a merging profession; service rendered by physical educators; setting for physical education; relationship of physical education to health, recreation, camping, and outdoor education; leadership in physical education; duties of physical educators; professional preparation; professional organizations; Certification requirements; employment opportunities; challenges facing physical education. One hour laboratory to include testing for skills, basic fundamental movements, and observation of programs. Prerequisite: none. Fall semester.

103 Introduction to Recreation (co-ed) — 2 credits
Designed to acquaint the student with the growth and development of community recreation and the role of community recreation in our present day society. Spring semester. Prerequisite: None.

106 First Aid, Health, and Safety Education - (Coed) — 3 credits
This course deals with the phases of Health, First Aid, and Safety Education.

Health Education covers concerned subjects as nutrition, diseases, health needs and services, drugs, family living and environmental problems.

First Aid emphasis on practical use of knowledge in various occupations. Detailed demonstrations and practical demonstrations, upon successful completion of numbered hours a standard and advanced First Aid Card will be issued through the American Red Cross.

Safety Education covers the needs for Safety Education, the role of the school in a safety program/ methods and materials for demonstrations, discussions and readings stressing various aspects of safety in many areas, through safety campaigns, basic instruction and understanding many predisposing factors that cause accidents. Each semester.

130 Water Polo (M) — 1 credit
Designed to teach the skills strategy, and rules of water polo. Prerequisite: Instructor's permission. Each semester.

Suggested Program

FRESHMAN YEAR:

* English Comp. E-101, 102	3	3
Intro to Art, Drama, Music or Humanities	3	3
* Concepts of Biology, B-100	4	—
* Human Physiol and Anat., Z-107	—	5
History of Western Civ, H-101 and H-102	3	3
* General Psychology, P-101	3	—
Elective	—	3
	16	17

SOPHOMORE YEAR:

Literature	3	3
* Math for Life Sciences, M-115, 116	5	5
Physical and Cultural Anthropology, AN-201, 202	3	3
* Physiological Psych, P-225	3	—
* Intro to Practice of Psych., P-201	—	3
Elective(s)	4	—
Intro to Art, Drama, Music or Humanities	—	3
	18	17

JUNIOR YEAR:

* Statistical Methods, P-305	3	—
* Experimental Psych., P-321	—	4
Digital Computer Programming, EN-104	2	—
* Psychological Measurement, P-421	—	3
Abnormal, P-301	3	—
Perception, P-341	—	3
Electives	7	5
	15	15

SENIOR YEAR:

Child Psych., P-311	3	—
Adolescent Psych., P-312	—	3
* Learning, P-441	3	—
* Psychological Systems, P-461	—	3
Personality, P-351	3	—
Social, P-431	—	3
Electives	6	6
	15	15

* Specifically required.

131 Spring Board Diving (Coed) — 1 credit

Emphasis is on basic diving skills, diving procedures, proper body positions, and safety in diving and diving areas. Prerequisite: Instructor's permission. Each semester.

132 Skin and Scuba Diving (Coed) — 1 credit

Instruction in the use of mask, fins, and snorkel and an aqua lung that will enable the student to breathe under water. Prerequisite: Instructor's permission. Each semester. (Cost to the student approximately \$30.00)

133 Modern Dance (coed) — 1 credit

Provides opportunities for developing a sensitivity to the use of body movement, space, and time for creative expression. Work will encompass improvement of body flexibility, balance, coordination and relaxation through use of modern dance techniques and movement exploration. Either semester.

134 Backpacking and Camping (coed) — 1 credit

Fundamental skills in backpacking and overnight camping. Includes choice and care of equipment, choice of camping sites, basic outdoor cooking skills, minor first-aid skills, and emphasizes ecology in the outdoors. Students will furnish their own equipment. Either semester.

135 Karate (coed) — 1 credit

Karate may be defined as a weaponless means of self defense. The Karate techniques are based on the theory of energy conservation. The essence of Karate is the coordination of the mental and physical powers possessed by every human being. Students will furnish their Gi. Each semester.

136 Fly Casting and Tying (coed) — 1 credit

Designed to teach the fundamentals of fly casting and fly tying. Emphasis will be placed on casting techniques, equipment, knots, and stream/lake fishing procedures. Basic aquatic entomology will be taught as it pertains to the fly ties. Basic tying operations will be taught. Students will provide their rod, reel, and line and fly tying kit. Either semester.

152 Beginning Swimming (W) — 1 credit

Basic water safety, skills and knowledge; floating, bobbing, diving, rhythmic breathing, treading water, and an introduction to the crawl, side stroke, elementary backstroke. For students that do not know how to swim. Each semester.

157-158 Drill Team (W) — 1 credit

Drills composed of dance steps and arranged in various formations and maneuvers for half-time presentation at football and basketball games. One hour daily. By instructor's permission. Each semester.

161 Beginning Badminton (W) — 1 credit

The course covers basic skills in badminton to encourage skill development, understanding, and appreciation of the game. Each semester.

162 Beginning Badminton (M) — 1 credit

The course covers basic skills in badminton to encourage skill development, understanding, and appreciation of the game. Each semester.

163 Beginning Volleyball (W) — 1 credit

The course consists of participation in volleyball with consideration of fundamental skills, rules, and basic team strategy. Each semester.

164 Beginning Volleyball (M) — 1 credit

A beginning class in volleyball with the basic fundamentals and team strategies of volleyball emphasized. Also basic skill drills used for skill improvement. General game situations and team participation are brought to a level of fun activity with improvement of skill the end objective. Each semester.

165 Beginning Basketball (W) — 1 credit

The course consists of participation in basketball with consideration of fundamental skills, rules, and basic team strategy. Either semester.

166, 167 Varsity Participation (M) — 1 credit

Includes Football, Basketball, Wrestling, Baseball, Track, Cross Country, Tennis, Golf, and Skiing. Each semester.

168 Basketball (M) — 1 credit

A beginning class in basketball emphasizing general rules and participation. Basic offensive strategies will be discussed and basic drills on passing, dribbling, and shooting will take place. Defensive tactics such as man to man, zones, and rebounding will also be explained. Spring semester.

169 Beginning Tennis (W) — 1 credit

An introductory course to provide basic skills, strategies, and rules for the beginner. Each semester.

170 Beginning Tennis (M) — 1 credit

An introductory course in tennis with the basic fundamental skills and rules of tennis. Game strategy in both doubles and singles. Each semester.

171 Beginning Field Hockey (W) — 1 credit

The course consists of participation in field hockey with consideration of fundamental skills, rules, and basic team strategy. Fall semester.

172 Softball (W) — 1 credit

The course consists of participation in softball with consideration of fundamental skills, rules, and basic team strategy. Spring semester.

173 Beginning Soccer (M) — 1 credit

Participation in soccer with emphasis on skill development, rules, and team strategy. Each semester.

174 Beginning Judo (coed) — 1 credit

A safe, fun-sport which is also a complex art form. The course consists of principles and philosophy of Judo and the techniques of falling, throwing, and grappling. Students will furnish their Gi. Each semester.

175 Beginning Self-Defense (coed) — 1 credit

The defensive tactics are presented in the forms of Aikido, Judo, and Karate; teaching coordination of the mind and body and nonaggressive application of the laws of gravity and force. It is also designed to improve the physical coordination and condition of the individual. Students will furnish their Gi. Each semester.

178 Beginning Swimming (M) — 1 credit

Instruction in the beginning skills and progress to more advanced beginner skills. Floating, gliding, rhythmic breathing, bobbing, kicking. Safety emphasized to keep the student mentally alert to his skill level. Each semester.

179 Rugby (M) — 1 credit

Introductory course to provide skills, rules and team play for the beginner. Fall semester.

180 Beginning Archery (coed) — 1 credit

The course is designed for the beginning archery student to provide instruction in the fundamental techniques of all phases of archery, target, field clout, golf, novelty, etc. Each semester.

181 Beginning Golf (coed) — 1 credit

The course is designed for the beginning golf student to provide instruction in the fundamental techniques of all phases of golf. The student will also be acquainted with the rules, regulations and proper etiquette of the game. Each semester. Green fee approximately \$10.00.

182 Track and Field (W) — 1 credit

The course consists of participation in track and field events with consideration of fundamental skills and rules for meets. Spring semester.

183 Handball and Court Games (M) — 1 credit

A class designed to teach techniques and skills of handball and paddleball with special emphasis on playing procedures. Students will be introduced to game situations where they can improve on their individual skills. Either semester.

SCHOOL OF EDUCATION
Courses — PE

184 Recreational Dance (coed) — 1 credit

A course in the fundamentals of dance, designed to increase the knowledge and skill of the student. The course includes folk, square, round, mixer, and basic social dances. Required of all P.E. Majors. Each semester.

185 Physical Fitness Activities (W) — 1 credit

Sequential and progressive exercises, activities for general fitness that involves strengthening, stretching, slenderizing and relaxation. Each semester.

186 Physical Fitness Activities (M) — 1 credit

A class designed to improve techniques and skills for individual fitness, with emphasis on drills and general physical conditioning programs for individual needs. The students will also be introduced to a wide variety of physical activities where new and old skills can be used to improve total physical fitness. Each semester.

188 Social Dancing (coed) — 1 credit

The course covers basic techniques of social dancing. Dances included are waltz, cha-cha, foxtrot, rumba, tango, lindy, and various novelty dances. Either semester.

189 Folk and Square Dancing (coed) — 1 credit

Instruction and application of basic steps and patterns used in folk dances from different countries. Either semester.

190 Beginning Bowling (coed) — 1 credit

Designed to teach the basic skills of bowling; includes approach and delivery; handicaps and scorekeeping. Each semester. Bowling fee approximately \$10.00.

191 Skiing and Mountaineering (coed) — 1 credit

This course is designed to introduce the student to the various techniques of skiing. Mountaineering is designed to acquaint the skier with the out of doors and the wilderness. Instruction fee \$25.00, payable at Bogus Basin. Student will furnish or rent their equipment. Lift pass \$5.00. Either semester.

192 Defensive Tactics (coed) — 1 credit

The course consists of physical defense against one or more persons; physical arrest; control and restraint, familiarization with control devices, definition and application of that force which is reasonable and necessary, individual and group tactics. Students will furnish Gi. Each semester.

193 Touch Football (M) — 1 credit

A class designed to teach technique and skills of touch football, with special emphasis on playing procedures. Students will be introduced to a variety of playing activities where old and new skills can be used. Fall semester.

201 Foundations of Physical Education (coed) — 3 credits

(3 1-hour lectures) Course content consists of philosophy of education and physical education, objectives of physical education, physical education's role in general education, changing concepts of physical education, scientific foundations of physical education, curriculum development in physical education, history and principles of physical education. Sophomore year. Prerequisite: Introduction to Physical Education. Each semester.

208 Beginning Gymnastics (M) — 1 credit

This course is designed for the beginning student to provide instruction in the fundamental techniques of all phases of gymnastics. The student will also be acquainted with spotting and safety techniques. Required of all P.E. Majors. Each semester.

209 Advanced Self-Defense (coed) — 1 credit

The course is a continuation of Self-Defense using Aikido, Judo and Karate, teaching coordination of the mind and body and nonaggressive application of the natural laws of gravity and force. It is designed to teach the student more skill in the techniques learned in Beginning Self-Defense. Students will furnish their Gi. Prerequisite: Instructor's permission. Each semester.

210 Advanced Judo (coed) — 1 credit

Continuation of the basic skills of Judo. Advanced form to encourage participants to seek advanced degrees. Students will furnish their Gi. Prerequisite: Instructor's permission. Each semester.

253 Beginning Gymnastics (W) — 1 credit

The course covers basic skills for women on the trampoline, uneven parallel bars, balance beam, sidehorse, and in tumbling. Required of all P.E. Majors. Each semester.

255 Tests and Measurements (coed) — 2 credits

Testing procedures and standard tests in physical education. Emphasis on the importance of evaluation in physical education, elementary statistical procedures and interpretation of technical literature in the field. Prerequisite: Introduction to Physical Education and Foundations of Physical Science. Either semester.

261 Intermediate Badminton (coed) — 1 credit

Advanced basic fundamentals, including round-the-head strokes, advanced serves, advanced smash shots, drop shots, deception, and strategy. Prerequisite: Playing experience or instructor's permission. Each semester.

263 Intermediate Volleyball (W) — 1 credit

The course consists of participation in volleyball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Each semester.

264 Intermediate Volleyball (M) — 1 credit

Review and practice of basic skills. Will provide advanced instruction in individual and team play. Prerequisite: PE 164 Beginning Volleyball or playing experience. Each semester.

265 Intermediate Basketball (W) — 1 credit

The course consists of participation in basketball with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Spring semester.

269 Intermediate Tennis (coed) — 1 credit

An advanced class in tennis with basic fundamentals reviewed. Game situations with strategy in both doubles and singles. High level of competition. Prerequisite: Playing experience or instructor's permission. Each semester.

273 Intermediate Gymnastics (W) — 1 credit

Review of beginning and development of intermediate/advanced gymnastic skills for women. Emphasis on performing combinations, compulsory, and optional routines. Prerequisite: Beginning gymnastics or instructor's permission. Each semester.

275 Intermediate Field Hockey (W) — 1 credit

The course consists of participation in field hockey with consideration of advanced skills, team strategy and officiating. Prerequisite: Playing experience or instructor's permission. Either semester.

276 Advanced Soccer (M) — 1 credit

Participation on a higher skill level. Emphasis will be on position play, strategy, and development of team play. Prerequisite: Playing experience or instructor's permission. Each semester.

277 Weight Training (M) — 1 credit

Techniques and skills for individual fitness with emphasis on weight training and weight lifting procedures for individual conditioning programs. Each semester.

278 Intermediate Gymnastics (M) — 1 credit

This course is designed for those students who have completed the beginning gymnastics course or who feel they are beyond the basic beginning stages of gymnastics. This course will have a specific goal of helping each student to develop the skill required in progressing from simple stunts to basic routines. Prerequisite: Experience or instructor's permission. Either semester.

280 Intermediate Archery (coed) — 1 credit

This course is designed for the experienced archer, who has a workable knowledge of the fundamental skills of archery. There will be a review of the fundamental techniques of shooting and instruction and practice in target archery, field shooting and bow hunting. Prerequisite: Experience or instructor's permission. Each semester.

281 Intermediate Swimming (coed) — 1 credit

The course is designed to provide the swimmer with additional strokes and self rescue techniques and skills to help him to become a better swimmer. Prerequisite: Instructor's permission. Each semester.

282 Senior Lifesaving (coed) — 1 credit

A review of the five basic styles of swimming, self rescue techniques, and handling of various types of swimming problems. Prerequisite: Experience or permission of instructor. Each semester.

283 Water Safety Instruction (coed) — 1 credit

The course is designed to provide instruction in life saving, first-aid, swimming, and basic small craft. There will be advanced work in swimming for the handicapped, competitive swimming, and recreational swimming. Prerequisite: Instructor's permission. Each semester.

285 Intermediate Golf (coed) — 1 credit

This course is a continuation of beginning golf. It is designed for those students who have completed golf 181 or who consider themselves to be beyond the beginning stages of the game. All of the basic fundamentals will be reviewed, but a greater emphasis will be placed on form, technique and detail. The student will also learn different types of specific golf shots. Prerequisite: Playing experience or instructor's permission. Each semester. Green fee approximately \$10.00.

286 Beginning Fencing (coed) — 1 credit

An introduction to a lifetime sport, including basic skills and strategies of fencing. Each semester.

287 Intermediate Fencing (coed) — 1 credit

A review of basic skills and strategies; advanced techniques and bout practice. Introduction of competitive fencing including judging and directing skills. Prerequisite: Instructor's permission. Each semester.

290 Advanced Bowling (coed) — 1 credit

Includes the finer skills of bowling—playing the lanes, playing the angles, analyzing the game. Common faults, symptoms and remedies. Advanced techniques and technical information. Prerequisite: Instructor's permission. Each semester. Bowling fee approximately \$10.00.

Upper Division

301-302 Skills for Teaching Physical Education (co-ed)
— 3 credits each

Consideration of teaching methods and procedures, techniques and skills in a variety of activities, development of units and lesson plans, and laboratory experiences as a student assistant in activity classes. Prerequisites: Introduction to Physical Education and Foundations of Physical Education Sequence course.

303 Intramurals and Sports Officiating (coed) — 2 credits

Designed to acquaint the student with the organization and administration of intramural programs. Includes sports and intramural officiating. Either semester.

319 Techniques and Methods of Coaching Football
— 2 credits

Details of teaching individual fundamentals, offensive and defensive play, strategy, and conditioning of players. Prerequisite: Junior standing or instructor's permission. Fall semester.

320 Techniques and Methods of Coaching Wrestling
— 2 credits

Offense and defense in wrestling, equipment and training; meets and tournaments; wrestling styles; and conditioning and facilities. Prerequisite: Junior standing or instructor permission. Either semester.

323 Techniques and Methods of Coaching Basketball
— 2 credits

Methods of coaching offense and defense, styles of play; and basketball strategy. Prerequisite: Junior standing or instructor's permission. Either semester.

324 Techniques and Methods of Coaching Baseball
— 2 credits

Baseball fundamentals including batting, fielding, conditioning and training. Prerequisite: Junior standing or instructor's permission. Spring semester.

327 Techniques and Methods of Coaching Track and Field — 2 credits

The theory and methods of coaching the various events in track and field and the planning of meets. Prerequisite: Junior standing or instructor's permission. Spring semester.

328 Care and Treatment of Athletic Injuries — 2 credits

The care, prevention, and treatment of athletic injuries. The study and practice of modern athletic training methods. Prerequisite: Junior standing, Kinesiology or Physiology of Exercise. Either semester.

336 Gymnastics, Apparatus, Fitness Techniques (coed)
CCB11 — 2 credits

Techniques of teaching and coaching gymnastics. Emphasis is placed on progressions, safety, and conditioning. Prerequisite: Junior standing and Beginning Gymnastics or instructor's permission. First semester.

341 Dance Techniques (coed) — 2 credits

A course in methods of teaching dance in secondary schools. Areas included are folk and square dance, social dance, modern dance, and rhythmic gymnastics. Prerequisite: Junior standing or instructor's permission. Either semester.

351 Kinesiology (co-ed) — 3 credits

A study of the range, quality, and capacities of movement of the human body, analysis of muscular movement in sports activities. Prerequisite: Junior standing; Human Physiology and Anatomy Z-107. Either semester.

355 Physiology of Exercise (co-ed) — 3 credits

The effects of muscular exercise and physical conditioning on the circulatory, respiratory, and other physiological processes. Prerequisite: Junior standing; Human Physiology and Anatomy. Either semester.

357 Rhythms for Kindergarten, Special Education and Elementary School Teachers (coed) — 2 credits

The analysis of the fundamentals, the development of skills and the application of methods in teaching rhythms in kindergarten, special education and elementary school physical education. To include Folk Dance, Square Dance, Rhythm Balls, Rhythmic Rope Skipping, Singing Games, Rhythms for the atypical child, Rhythm Sticks, Parachute Rhythms, etc. Prerequisite: Junior standing. Spring semester.

359 Skills for Teaching Physical Education for Kindergarten and Special Education Teachers
— 2 credits

This class is designed for future kindergarten and special education teachers or physical education specialists with emphasis on the physical needs of children, the selection and analysis of fundamental skills, the development of skills and the application of various methods of instruction at the kindergarten and special education grade levels. Prerequisite: Junior standing. Fall semester.

SCHOOL OF EDUCATION
Courses — P

361 Elementary School Physical Education (coed)
— 2 credits

The class is designed for future elementary school teachers, and elementary school physical education specialists, with emphasis on the physical needs of children. The analysis of fundamental skills, the development of skills and the application of various methods of instruction at the primary and intermediate grades. Prerequisite: Junior standing or instructor's permission. Either semester.

425 Problems in Teaching Physical Education (coed)
— 2 credits

CCBII. A course for senior students who have completed student teaching. Students will mutually consider problems encountered in student teaching and attempt to solve them. The resources of the entire physical education staff, plus outside experts will be used. Opportunities for individual research will be provided. Prerequisite: Student teaching. Fall semester.

430 Problems in Interscholastic Athletics (coed)
— 2 credits

CCBII. Study of the organization and management of interscholastic athletics including nature and functions of budgeting, finance, personnel, facilities, equipment, supplies, scheduling, records, public relationships, legal responsibilities, professional relationships, and professional advancement. Prerequisites: One semester of Skills for Teaching Physical Education and Senior standing. First semester.

451 Correctives (co-ed) — 2 credits

Survey of common deviations of posture, functional disturbances and crippling conditions found in school children. Consideration of the extent and limitations of the teacher's responsibility for correction or improvement of physical defects. Prerequisite: Kinesiology or instructor's permission. Spring semester.

457 Organization and Administration of Physical Education (co-ed) — 3 credits

Study of departmental organization, instructional and recreational programs, supervision of instruction, physical plant, and finance. Prerequisite: Junior standing or instructor's permission. Either semester.

471 Highly-Organized Games (W) — 2 credits

The course is designed to prepare women to teach and coach team sports. Areas covered will include organizing the team, scheduling and facilities, coaching methods, drills and practice sessions, and advanced team strategy. Sports considered will be field hockey, volleyball, basketball, track and field, and softball. Prerequisite: Junior standing or instructor's permission. Either semester.

P PSYCHOLOGY

Lower Division

101 General Psychology — 3 credits

The first half of an introductory course in psychology. General Psychology 101 and 102 are more concerned with theory and terminology than are the other beginning courses listed in this section. Emphasis in the first semester will be on growth and development, individual differences, motivation, emotion, adjustment, learning perception, and thinking. Recommended preparation: one year of college-level science. Each semester.

201 Intro to Practice of Psychology — 3 credits

An exposure to psychology as it is actually applied as professional practice in public and private settings. Direct interaction, through lecture and discussions, with psychologists who are employed in a wide variety of specific occupations. Prerequisite: General Psychology 101 and consent of instructor. Spring semester.

210 Human Growth and Development — 3 credits

A survey of significant factors in development from conception through adolescence. Consideration is given to normal

patterns of maturation and adjustment. Major constitutional and environmental adjustment problems will also be presented. The course is intended for those who wish to study the general factors in child and adolescent development, not for psychology or education majors. Students may not earn credits in this course and in Child Psychology P-311 or Adolescent Psychology P-312. Either semester. Not offered 1973-74.

225 Physiological Psychology — 3 credits

A survey of classical and current problems, with emphasis on nervous and endocrine systems in the processing of information with the organization of behavior. Examples of sensation, perception, motivation, emotion, and learning will be studied from this point of view. Prerequisites: General Psychology 101, B-107 Human Physiology & Anatomy, and consent of instructor. Fall semester.

Upper Division

(NOTE: Upper-division psychology courses are saved for upper-division students.)

301 Abnormal Psychology — 3 credits

A descriptive approach to the study of the etiology, development, and dynamics of behavioral disorders, together with a review of current preventive and remedial practices. Prerequisite: General Psychology 101. Either semester.

305 Statistical Methods — 3 credits

Statistical concepts and methods commonly used in treatment of data in the Social Sciences. Topics covered will include: measures of central tendency and of variability, correlation measures, probability, and simple analysis of variance. Prerequisites: Mathematics of the Life Sciences M-115-116. Each semester.

311 Child Psychology — 3 credits

A study of development and adjustment from conception to adolescence. Consideration will be given to both constitutional and environmental factors, to normal growth patterns, and to problem areas. Student may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Each semester.

312 Adolescent Psychology — 3 credits

Chronologically a continuation of Child Psychology P-311; the course will emphasize the special conditions of adolescent growth and adjustment. Consideration will be given to maturational and social patterns, and to behavioral, learning, and other problem areas. Students may not earn credits in this course and in Human Growth and Development P-210. Prerequisite: General Psychology 101. Spring semester.

321 Experimental Psychology — 4 credits

The application of scientific methodology to the study of behavior. Design of experiments; methods of analysis and interpretation of data; reporting of behavioral research. Two lectures and two two-hour laboratory periods per week. Prerequisite: General Psychology 101. Statistical Methods P-305 and Mathematics for the Life Sciences M-115-116. Each semester.

325 Educational Psychology — 3 credits

A critical examination of some psychological concepts that have relevance to the process of education. Prerequisite: General Psychology 101. Each semester.

341 Perception — 3 credits

A survey of the basic concepts in the psychology of perception, including a review of the findings of present day research on the receptor processes. Prerequisite: General Psychology 101. Offered alternate years. Spring semester.

351 Personality — 3 credits

A study of the major contemporary theories and concepts of personality. Prerequisite: General Psychology 101. Spring semester.

353 Psychoanalytic Psychology — 3 credits

Human emotion & motivation from the points of view of Freudian theory and its derivatives. Prerequisite: Gen. Psych. 101. Suggested companion course — either earlier or later — Personality 351. Spring semester.

405 Advanced Statistical Methods — 3 credits

Statistical concepts and methods commonly used in the treatment of data in the social sciences will be covered. These include advanced analysis of variance (including repeated measure designs) and related trend tests, multiple comparison tests, and transformations. Other topics include multiple correlation techniques, analysis of covariance, nonparametric tests, and contemporary controversies in the field of statistics. Prerequisite: P 305, Statistical Methods. Limited enrollment; preference to psychology majors who are planning to go on to graduate school. Spring semester.

421g Psychological Measurement — 3 credits

An introduction to the theory and nature of psychological measurement together with a survey of types of psychological tests currently used. Prerequisite: General Psychology 101. Mathematics for the Life Sciences M-115-116 and Statistical Methods P-305. Spring semester.

431 Social Psychology — 3 credits

Social factors affecting individual behavior; formation and change of attitudes; social and cultural effects on individual cognitions; effects of leadership on members of groups and organizations.

This course may be taken for Psychology or Sociology credit but not for both. Prerequisite: General Psychology 101 and introduction of Sociology 101. Either semester.

435 Psychology of Motivation — 3 credits

Survey of experimental and theoretical studies of motivation in animals and men. Prerequisites: General Psychology 101, Mathematics 115-116, Statistical Methods P-305 and Experimental Psychology. (Not offered 1973-74). Either semester.

441 Learning — 3 credits

Fundamental concepts of learning, with emphasis on recent developments in the field. Topics to be covered include: Conditioning, rote learning, problem solving, memory, discrimination, and motor skills. Prerequisite: General Psychology 101, Mathematics for the Life Sciences M-115-116, Statistical Methods P 305. Experimental Psychology P 321 may be taken before or concurrently with Learning. Either semester.

461 Psychological Systems — 3 credits

Theories and controversies of the past and present. Prerequisite: Senior standing in Psychology. Either semester.

503 Individual Testing Practicum

Emphasis in the course will be placed on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics for the Life Sciences M-115-116, Statistics and Psychological Measurement, P-421. Either semester.

TE TEACHER EDUCATION

Lower Division

108 Developmental Reading — 2 credits

The course is designed to develop the speed of reading by each individual through the enhancement of improved techniques in vocabulary development, familiarity with subject matter, locating the main idea, recognizing paragraph patterns and types, skimming and scanning, study skills, and test taking. A variety of activities are employed, including the employment of electronic devices. Either semester.

201 Foundations of Education — 3 credits

A general introductory course in education to give the student, as early as possible in his preparation for teaching, some familiarity with the teaching profession. It deals with the work of the teacher; the fundamental social, historical and philosophical background for teaching; current educational problems and practices. It helps students decide whether they should or should not become a teacher. *Admission to the Teacher Education Program will be contingent upon meeting certain requirements specified in this course.* Each semester.

Upper Division

351 Elementary Curriculum and Methods I — 5 credits

The first semester of Elementary Curriculum and Methods with an emphasis upon language arts. However, all aspects of curriculum are included. Prerequisite: Child Psych. To be taken concurrently with Student Teaching 471. Fall semester.

352 Elementary Curriculum and Methods II — 5 credits

The second semester of Elementary Curriculum and Methods with an emphasis upon social studies, science, and mathematics. However, all aspects of curriculum are included. Prerequisite: Elementary Curriculum and Methods I, TE 351. To be taken concurrently with Student Teaching TE 472. Spring semester.

356 Audio-Visual Aids in Education — 2 credits

Motion pictures, graphic materials, filmstrips, lantern slides, field trips and auditory aids are among the instructional materials studied in this class with practical experience in the operation of the equipment involved. Each semester.

371 Guidance for the Classroom Teacher — 3 credits

A study of the guidance activities normally carried on by the classroom teacher. Either semester.

381 Secondary School Methods — 3 credits

A study of the overall program and objectives of the secondary school with special attention given to methods and materials of instruction. Application is made to the student's teaching areas. Prerequisite: Admission to the School of Education. This course, and/or a special methods course, should be completed prior to student teaching. Each semester.

391 Psychology of the Exceptional Child — 3 credits

A psychological study of children who deviate from the average mentally, physically, socially, and emotionally to such an extent that special treatment is needed. Problems of identification, diagnosis, treatment, training, and employment are considered. Prerequisite: Educational or Child Psychology. Fall semester.

392 Education of the Exceptional Child — 3 credits

A study of methods, materials, and curriculum for atypical children in regular and special classrooms. Prerequisite: Psychology of the Exceptional Child. Spring semester.

393 Driver Education — 2 credits

This course is designed to aid teachers in the instruction of beginning drivers, and in the use of dual controlled automobiles. It includes the functioning of the vehicle, its proper operation, and traffic control and safety. Spring, Summer.

394 Advanced Driver Education — 2 credits

A course designed to provide advanced preparation in principles and practices of driver and traffic safety education for teachers, supervisors, and administrators. Prerequisite: TE-393. Spring, Summer.

395 General Safety Education — 3 credits

This course is designed to provide a comprehensive survey of general safety education as it applies to all fields but especially to the public schools. Topics include the study of accidents and their prevention, safety and accident prevention in the

SCHOOL OF EDUCATION
Courses — TE, LS

schools, traffic safety, student transportation and the school's role relative to safety problems with other public and private agencies. Prerequisite: Upper division standing.

420 Curriculum for the Mentally Retarded — 3 credits

A study of the specific curriculum needs of the mentally retarded and the methods and adaptations necessary in the education of the student. A basic approach to the development of the curriculum for the mentally retarded and the teacher's influence in its implementation. Fall semester.

421 Teaching Strategies for the Mentally Retarded — 3 credits

Survey and identification of teaching methods utilized in classroom teaching of all levels of mental retardation. Spring semester.

430 The Diagnosis of Learning Disabilities — 3 credits

The course will assist teachers in diagnosing learning disabilities and in preparation of teaching experiences for assisting or overcoming these disabilities. Fall semester.

431 The Remediation of Learning Disabilities — 3 credits

Emphasis is placed on the recognition and development of the prescriptive educational needs of the student indicating learning disabilities. The course provides the teacher with tools for preparation of the educational program needed for the improvement and possible correction of the specific learning disorder. Spring semester. Prerequisite: TE 430 or consent of the instructor.

440 Instructional Materials for the Exceptional Child — 3 credits

Opportunities for the planning, use and evaluation of instructional materials for specific exceptionalities will be the format of this course. Students will develop procedures that the teacher of the exceptional child will use in the classroom activities in regard to the materials available. The Associate Special Education Instructional Materials Center, and other resources will provide the materials and equipment for the course. Either semester.

455 Corrective Reading in the Elementary School — 3 credits

A study of reading difficulties of elementary school pupils with emphasis upon diagnosis, materials, and methods of teaching. Prerequisite: Elementary Student Teaching, TE-471, or teaching experience and a basic course in the teaching of reading. Either semester.

461 Child Behavior in Early Childhood Education — 3 credits

Various approaches of working with behavior of children is explored. Areas include reinforcement, behavior modification, the engineered classroom and the psychological principles of Dreikurs and others. Emphasis will be placed on individual differences in children with practical suggestions offered for implementing special techniques. Spring semester.

462 Curriculum in Early Childhood Education —

All areas of the curriculum will be explored. Software and hardware will be examined and applications made to large groups, small groups, and individualized instruction. Class will be individualized to meet needs of enrolling students. Fall semester.

463 Teaching Strategies in Early Childhood Education — 3 credits

Learning centers, instructional materials, individualization, and creating teacher-made materials will be explored in depth. The use of aides, parents, and other community resources in the classroom will be discussed and techniques with techniques for evaluating their progress. Fall semester.

464 Classroom Structure in Early Childhood Education — 3 credits

Philosophy, curriculum, role of the teacher, British Infant and Primary Schools are discussed in detail. Various open classroom demonstration projects in the U.S. are presented. Applications to individual teacher's classrooms are explored. Spring semester.

470 Elementary Student Teaching — 3 credits

Observation and supervised teaching in the schools of Boise. Summer.

471 Elementary Student Teaching — 5 credits

Observation and supervised teaching. Prerequisites: Approval of an Application for Student Teaching, Senior standing, and G.P.A. 2.25. Fall semester.

To be taken concurrently with Elementary Curriculum and Methods, TE-351. Application for admission must be filed by March 1 of Junior year with office of the Assistant Dean.

472 Elementary Student Teaching — 5 credits

Observation and supervised teaching. Prerequisite: TE-351. To be taken concurrently with Elementary Curriculum and Methods, TE-352. Spring semester.

481 Secondary Student Teaching — 6 credits

Supervised student teaching in a secondary school. Prerequisites: (1) Admission to the School of Education. Completion of Secondary Methods, or a special methods course in the teaching area with a minimum grade of "C". Senior standing. GPA of 2.25 in major field, minor field, and education courses. A cumulative GPA of 2.1. Recommendation of the faculty advisor or department chairman. Approval of an official application for student teaching. Application must be filed with the office of the Assistant Dean by March 1 of the Junior year. Each semester.

491 Special Education Techniques-Practicum — 4 credits

Provides the student with an opportunity to experience specific educational programming and learning sequences related to their interest in special education. In-depth field study of the exceptional child will be conducted by participants in gaining greater knowledge related to evaluation, prescription, and teaching in the classroom. Either semester. Prerequisite: Consent of the Instructor.

LS LIBRARY SCIENCE

Lower Division

101 Introduction to use of Books and Libraries — 2 credits

Teaches efficient use of library materials, card catalog, indexes, general reference books, and reference aids in various subject fields. Open to any student but designed primarily for freshman, sophomores and new students. Recommended for education majors. Fall semester.

Upper Division

301 Library Organization and Administration — 3 credits

An introduction to the development, organization, and management of all types of libraries, with emphasis on the school library and its place in the instructional program. First semester.

***311 Reference and Bibliography — 3 credits**

Introduction to the principles and techniques of reference work; the evaluation and use of basic reference books, indexes, and bibliographies found in school and small public libraries. Fall semester.

316 Children's Literature — 3 credits

Emphasis on selection, wide reading, and evaluation of books for children, and reading guidance in relation to both personal and curricular needs. Required of elementary education majors and elementary school librarians, recommended for public librarians, parents and any who work with children. Each semester.

***321 Basic Book Selection — 3 credits**

Principles and techniques for evaluating and selecting library materials; introduction to reviewing media and to basic tools for selecting and acquiring all types of book and non-book materials. Includes discussions of discarding and weeding, and materials for the slow and gifted reader. Spring semester.

331 Cataloging and Classification — 3 credits

Introduction to the theory and principles of classification and cataloging of book and non-book materials; practice in using the Dewey Decimal Classification, in preparing catalog cards and in the ordering and use of Wilson and Library of Congress printed cards; assigning of subject headings, and library filing. Spring semester.

****341 Literature for the Adolescent — 3 credits**

Reading and appraisal of literature appropriate to the needs, interests, and abilities of young people. Intended for librarians, high school teachers and others interested in working with young adults. Prerequisite: 3 credits of Lower Division Literature. Spring semester.

* Especially recommended for secondary teachers.

** Especially recommended for secondary language arts teachers.

MASTER OF ARTS IN ELEMENTARY EDUCATION

General Prerequisites for Applicants

Admission will be granted to applicants who hold a bachelor's degree from an accredited college or university, and who give promise of meeting the standards set by the School of Education as well as the specific regulations of the particular program to which they apply.

Applicants for regular status in the Graduate Program administered by the School of Education normally must have maintained a grade point average of at least 3.00 on the last two years of undergraduate study, or an overall grade point average of 2.75.

All applicants must be accepted by the School of Education through its Department of Teacher Education. Specific requirements will be determined by this department for graduate admission to a teacher education program designed to provide graduate preparation of elementary teachers.

The Graduate Degree Program

The elementary education graduate program will consist of at least 30 semester hours of credit, determined as follows:

Required courses — Education	9 semester credits
Elective courses — Education	12 semester credits
Open electives	6 semester credits
Seminar	3 semester credits
	<hr/>
	30 semester credits

A maximum of 9 semester credits may be accepted from other graduate schools upon application and consideration of applicability of the course by a committee of the graduate faculty.

Required Courses in Education

A comprehensive core of 9 semester hours is a requirement for all candidates for the Master of Arts in Elementary Education degree.

TE-570, 571, 572 Comprehensive Core for Elementary Education — 3 credits each.

This comprehensive core provides "currency" in the fol-

lowing areas:

Elementary curriculum development and innovation
Testing, Evaluation and Educational Research
Learning Theories and Applied Psychology
Philosophical and Sociological Foundations

TE-598 Seminar in Elementary Education — 3 credits

This seminar is required of all candidates. The seminar will include directed reading, individual or group action research, and project writing.

Elective Courses in Education

Twelve semester hours of credit must be chosen from the courses listed in this elective area. At least one course must be chosen from Cluster I and from Cluster II. The candidate will be able to select courses which will strengthen his effectiveness as an elementary teacher.

Cluster I (Choose at least one course)

TE-501 Advanced Practices and Principles in Teaching

Reading — 3 credits

The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed.

TE-510 Advanced Practices and Principles in Teaching

Social Science — 3 credits

A comprehensive study of the practices and principles in social science education, including objectives, social problems, unit development, work-study skills, organization of the program materials and media, and research findings basic to social studies will be developed.

TE-511 Advanced Practices and Principles in Teaching

Elementary Mathematics — 3 credits

A study will be made of the number abilities needed by children, the methods needed in providing number experiences, desirable teaching procedures, use of materials, and research findings in mathematics.

TE-512 Advanced Practices and Principles in Teaching

Language Arts and Linguistics — 3 credits

Emphasis will be given to the role of language arts and linguistics in the elementary school curriculum, stressing the newer approaches to language development, spelling, writing, listening-speaking skills.

TE-513 Advanced Practices and Principles in Teaching

Elementary Science — 3 credits

Current practices and principles in modern elementary science concepts will be developed. Particular reference will be made to selecting and organizing content and experimental activities.

TE-514 Advanced Practices and Principles in Teaching the Humanities — 3 credits

Integration of the humanities and fine arts into the elementary curriculum will be the major concern of this study. Methods, activities, projects and media will be investigated.

Cluster II (Choose at least one course)

P-501 Counseling and Guidance in the Elementary Classroom — 3 credits

A study of counseling & guidance techniques for the elementary school. Attention is given to the study & application of basic guidance services as related to the regular & to special education programs. Prerequisite: P-101 General Psychology.

TE-505 Individual Tests and Measurements — 3 credits

An intensive investigation is pursued in the field of individual testing, measurement and evaluation.

SCHOOL OF EDUCATION

Courses — TE

TE-515 Development of Skills for Teaching Pupils with Learning Difficulties — 3 credits

A study of the techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with learning difficulties will be the major emphasis of this course.

TE-516 Development of Skills for Teaching the Fast Learner — 3 credits

The techniques and methods applicable for use by the classroom teacher in developing skills for working with pupils with exceptional abilities will be studied.

TE-517 Development of Skills for Teaching the Mentally Retarded — 3 credits

The techniques and methods applicable for use by the classroom teacher in developing skills for working with mentally retarded pupils will be studied.

P-502 Advanced Educational Psychology — 3 credits

A study of contemporary issues involving both theoretical and methodological considerations in the history and systems of educational psychology will be given. Special emphasis will be given to group behavior in terms of principles relevant to educational objectives. Prerequisite: P-101 Gen. Psych.

P-503 Individual Testing Practicum — 3 credits

Emphasis in the course will be placed on the techniques and procedures of administering and scoring current, standardized intelligence tests. In addition, relevant empirical studies and theoretical formulations will be intensively surveyed as a basis for understanding and interpreting test data. Prerequisites: Mathematics 115-116, Statistics, and Psychological Measurement, P-421. Either semester.

P-504 Analysis of the Individual — 3 credits

A study of techniques used in analyzing the individual with emphasis on the elementary level. The course includes observational methods, recording behavior, behavioral analysis, interviewing and use of test information. Prerequisite: P-101 General Psychology.

P-505 Personality Development — 3 credits

Critical consideration of the main personality theories, particularly those which emphasize current concepts regarding learning, perception and motivation is developed. Study of the interaction of emotional and cognitive factors in personality development at different age levels is pursued. Prerequisite: P-101 General Psych.

P-421g Psychological Measurement — 3 credits

An introduction to the theory and nature of psychological measurement together with a survey of psychological tests currently used. Prerequisite: General Psychology P-101, Mathematics for the Life Sciences M-115-116 and Statistical Methods P-305.

Additional Elective Courses in Education

TE-518 Techniques for Creative Writing in Elementary Schools — 3 credits

Methods and techniques for encouraging creative writing in the elementary school pupils will be given.

TE-519 Advanced Children's Literature — 3 credits

A presentation of the latest in children's literature for use in the elementary school will be made. Special emphasis upon children's poetry will be included.

TE-520 Educational Media — 3 credits

This course will acquaint the elementary classroom teacher with the latest educational media available for use. Evaluation of the materials in a media center will be studied. Emphasis upon the use of a curriculum resource center in the local school system will be made.

TE-521 Elementary Physical Education Activities — 3 credits

Methods and techniques for classroom and playground activities for physical education curriculum development will be presented. Emphasis upon corrective physical education procedures will be given.

TE-522 Individualization of Reading Instruction — 3 credits

Emphasis upon the individualized approach to reading education.

Open Courses (Choose 6 Credits)

Six semester hours of credit will be open for selection in any area of the college course offerings that will enable the candidate to strengthen his potential in elementary instruction. The candidate, in cooperation with his graduate committee, will choose courses from education or from the academic subject matter areas which will meet his individual needs as a teacher. A special topics or practicum experience may be arranged in this six semester hour open block of credits. It is the desire of the school of Education to make this area so flexible that the needs of each individual candidate for the graduate degree can be adequately met.

MASTER OF ARTS IN ELEMENTARY EDUCATION FOR READING SPECIALIST

The candidate who is interested in pursuing a Master of Arts Degree in Elementary Education with the intent to become a specialist in Reading Education will be required to complete the following program in addition to the 9 semester hours in the Elementary Education Core.

REQUIRED READING COURSES

TE-501 Advanced Practices and Principles in Teaching Reading — 3 credits

The total reading process is stressed. Areas such as readiness, grouping, methodologies, new approaches to reading, dictionary skills, word attack skills and comprehension skills are emphasized. Procedures of testing both standardized and informal are discussed.

TE-502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) — 3 credits

The role of the special reading teacher and his type of screening devices is developed. Various standardized and informal reading tests are put into practice by working with a child in the Reading Center. A case study culminates the course. Prerequisite: TE 501.

TE-503 Remediation of Reading Problems (Directed Experiences in the Reading Center) — 3 credits

Remediation approaches and techniques for disabled readers is emphasized. Training is fostered by tutoring a child under supervision in the Reading Center. Prerequisite: TE 502.

TE-504 Seminar in Reading Education — 3 credits

The significant research concerning all phases of reading is abstracted and discussed in small group settings. Instruction in Reading research in reading is developed and is brought into focus by the scholar's conducting his own reading research project. Prerequisite: TE 503.

In addition to the above requirements, the candidates, with the guidance and approval of his Reading Education Center advisor, is required to complete 9 semester hours of electives from the total graduate offerings.

PART 6

School of Health Sciences

SCHOOL OF HEALTH SCIENCES

Dean: Victor H. Duke, Ph.D.

Associate Dean: JoAnn T. Vahey, Ed.D.

INTRODUCTION

Today's health care systems are undergoing remarkable changes. This is largely due to the increasing consideration by all citizens that good health care is a basic human right. Delivery and maintenance of this level of health care require the efforts of many different professional people and technicians, all equally committed to the same goal and acting as a team.

Essentially, two major kinds of team members exist: one group is responsible for creating and maintaining institutional service programs which support the physician in his work of diagnosis and treatment; the other group, upon the request of the physician, provides direct patient

care of an evaluative and treatment nature.

The School of Health Sciences at Boise State College, with its affiliated teaching hospitals, offers instruction in several programs in Pre-Professional Studies, Nursing, Allied Health Studies and Community and Environmental Health. The School and its faculty are also dedicated to service in both community and state activities dealing with health. In addition the School of Health Sciences feels a responsibility to provide continuing education for the practicing health professionals. Indeed, the primary objective of the School is to support the maintenance of optimal health through education.

DEPARTMENTS AND FACULTY

DEPARTMENT OF NURSING:

JoAnn T. Vahey, *Ed.D., Chairman*
C.C. Morgan, M.D., *Medical Director (Adjunctive Assoc. Prof.)*
Sheila Truby, *Academic Coordinator*
Diana Obenauer, *Clinical Coordinator*
Professors: Florence Miles
Associate Professors: J.T. Vahey, D. Kelly, N. Fleming,
Assistant Professors: R. Downes, C. Fountain, M. Keller, B. Rhoads, M. Wilcox
Instructors: B. Bennett, C. Matson, M. Neal, C. Flanary, D. Obenauer, N. Thomason, S. Truby
Special Lecturers: B. Eno, D. Ruzucki, S. Trevino

DEPARTMENT OF PREPROFESSIONAL STUDIES

M.M. Burkholder, M.D., *Medical Director (Adjunctive Assoc. Prof.)*
T.L. Neher, D.D.S., *Dental Director (Adjunctive Assoc. Prof.)*
E.G. Fuller, Ph.D., *Coordinator of Advisors (Associate Prof., Zool.)*

DEPARTMENT OF ALLIED HEALTH STUDIES

Medical Technology

L. Beals, *Director of Clinical Instruction (Adjunctive Assoc. Prof.)*
E.G. Fuller, Ph.D., *Associate Prof. of Zool., Academic Coordinator*
L.L. Knight, M.D., *Medical Director (Adjunctive Assoc. Prof.)*

Respiratory Therapy

L. Christensen, A.R.I.T., *Director*
C. Reilly, *Coordinator of Clinical Instruction*
C.E. Reed, M.D., *Medical Director (Adjunctive Assoc. Prof.)*
Instructors: L. Christensen, A.R.I.T.
Special Lecturers: T.R. Gable, D. Nuerenberg, A.R.I.T., C. Reilly, E. Schaeffer, T. Turner, M.D., C. Reed, M.D.

Medical Records Technology:

E. Rockne, R.R.A., *Director*
J. Coltrin, R.R.A., *Supervisor of Directed Practice*
C. C. Morgan, M.D., *Medical Director (Adjunctive Assoc. Prof.)*
Instructors: E. Rockne, J. Coltrin

Medical Secretary Program:

H. R. Johnson, *Academic Advisor, Asc. Prof. of Office Administration*

Radiology Technology

D.W. Bennett, M.D., *Medical Director (Adjunctive Assoc. Prof.)*
R.A. Luke, Asc. Prof., *Physics, Academic Coordinator*
V. Demond, R.T., *St. Luke's Hospital Program, Education Coordinator*
D. Cook, R.T., *St. Alphonsus Hospital Program, Education Coordinator*

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH:

Special Lecturers: C. Despain, R. Desaulniers

GENERAL HEALTH SCIENCES:

V.H. Duke, Ph.D., *Professor*
Special Lecturers: C. Steuart, M.D., Ph.D. (Adjunctive Professor)

CLINICAL AFFILIATES

Caldwell Memorial Hospital, Caldwell, Idaho
Idaho Elks Rehabilitation Hospital, Boise Idaho
Mercy Medical Center, Nampa, Idaho
Mountain States Tumor Institute, Boise, Idaho
St. Alphonsus Hospital, Boise, Idaho
St. Luke's Hospital, Boise, Idaho
Veterans Administration Hospital, Boise, Idaho

ADVISORY COUNCIL

M. M. Burkholder, M.D., *Chairman*
Adjunctive Associate Professor

David M. Barton, M.D. <i>Adjunctive Associate Professor</i>	Robert S. Matthies, M.D. <i>Adjunctive Associate Professor</i>
David W. Bennett, M.D. <i>Adjunctive Associate Professor</i>	Clayton C. Morgan, M.D. <i>Adjunctive Associate Professor</i>
John W. Gerdes, Ph.D. <i>Adjunctive Associate Professor</i>	Terry L. Neher, D.D.S. <i>Adjunctive Associate Professor</i>
Lawrence L. Knight, M.D. <i>Adjunctive Associate Professor</i>	Charles E. Reed, M.D. <i>Adjunctive Associate Professor</i>
Laura Larson, R.N. <i>Adjunctive Associate Professor</i>	

DEPARTMENT OF NURSING

J.T. Vahey, Ed.D., R.N., *Chairman*

Clayton C. Morgan, M.D., *Medical Director and Adjunctive Assoc. Prof.*

S. Truby, R.N., B.S., *Academic Coordinator*

D. Obenauer, R.N., B.S.N., *Clinical Coordinator*

Professor: F. Miles, M.N.

Associate Professors: D. Kelly, M.N., N. Fleming, M.N., J.T. Vahey, Ed.D.

Assistant Professors: R. Downes, M.N., C. Fountain, M.N., M. Keller, B.S.N., B. Rhoads, M.Ed., M. Wilcox, M.N.

Instructors: B. Bennett, B.S., C. Flanary, B.S., C. Matson, B.S.N., M. Neal, M.N., N. Thomason, B.S.N., S. Truby, B.S.

Special Lecturers: B. Eno, B.S., D. Ruzicki, B.S., S. Trevino, B.S.

Consulting Professors: J. DeMeyer, M.N., J. Mason, M.A., B. Vivian, M.N.

Advisory Board: L. Barr, R.N., J. Chatwin, S.N., L. Larson, R.N., J. DeMeyer, R.N., B. Gull, R.N., D. Krawczyk, R.N., J. Mason, R.N., C. Morgan, M.D., G. Nash, R.N., J. Runyan, R.N., B. Vivian, R.N.

BACCALAUREATE DEGREE NURSING

Beginning September 1974 the Department of Nursing will initiate a baccalaureate degree program with a major in nursing. Students who wish to apply for this program must meet the published admission requirements and complete the prescribed credit requirements.

Registered nurses who have completed an associate degree program in nursing or who demonstrate equivalent competency through a special evaluation program established by the Department of Nursing are eligible to apply for admission to the baccalaureate degree program.

Under this new program there is also the opportunity for registered nurses to complete certification requirement in specialized care areas without completing the baccalaureate requirements. In the first year of the program, courses will be available to eligible candidates for Leadership in Nursing and Acute Care Nursing. Courses will be developed the following academic year for other areas of nursing.

ASSOCIATE DEGREE NURSING

Boise State College offers a two-year Associate Degree program in nursing. The program is collegiate in nature. Courses offered by the Department of Nursing offer clinical experience in area health facilities. The program is accredited by the Idaho State Board of Nursing, the Northwest Association of Secondary and Higher Schools, and the National League for Nursing. Graduates are eligible to write the licensure examination for registration.

Philosophy

The Boise State College Department of Nursing operates within the philosophy of the total college. The faculty believe nurses can best be educated in an academic institution because general education promotes development of the individual as a member of society as well as a member of the nursing profession. Students enrolled in the nursing curriculum work and socialize with students in various other fields of study on the campus.

With the belief that the goal of nursing is health, the curriculum is based on the concept that man has seven basic needs which must be maintained to attain and preserve health. Preparation of students is aimed toward fulfillment of health needs of society today as well as allowing peaceful death to the terminally ill. Health is viewed as a state of complete physical, mental, and social well-being and not merely the absence of disease or infirmity. The nursing curriculum emphasizes clinical practice as well as theoretical preparation in the seven basic need concepts of oxygen, mental health, nutrition, elimination, activity, safety, and comfort. Safe, knowledgeable patient-centered nursing care is the standard for advancement in all nursing courses. The courses place emphasis on common health problems with limited exposure to care of the critically ill patient. The curriculum develops students' abilities to apply principles of nursing in clinical practice.

SCHOOL OF HEALTH SCIENCES

Nursing

Each student entering the program brings a background of individual abilities and attributes. The faculty believes that each student's interests and abilities should be recognized and promoted within the nursing program. Students are prepared in concepts of nursing care for use in various settings; emphasis is placed on the importance of continued learning in the individual's chosen field.

In order to allow development of the individual to the maximum of his/her potential, individual counseling and evaluation are an integral part of each nursing course.

The graduate is awarded an Associate of Science degree and is eligible to take the State Board examination for licensure as a registered nurse.

Objectives: The Graduate:

1. Recognizes basic human needs and formulates ways of meeting them within the practice of nursing.
2. Recognizes deviations from basic health and intervenes to promote optimum health.
3. Demonstrates effective decisions in the practice of nursing and accepts accountability for his actions.
4. Uses basic knowledge and concepts for developing skills and underlying nursing care.
5. Communicates for the purpose of promoting progress in the patient's health care.
6. Demonstrates sensitivities and abilities for good interpersonal relations.
7. Is acquainted with community health problems and resources.
8. Shows insight concerning his own feelings and behavior.
9. Recognizes his role as a technical nurse on the health team.
10. Recognizes personal responsibility for continuing education and growth in nursing.

Admission

Admission to the Department of Nursing is based upon general college requirements.

Steps to Application:

All applicants will be reviewed by the Admission, Promotion, and Graduation Committee of the Department of Nursing after March 1. Applicants are considered for admission on the basis of educational and experiential background.

All applicants will be placed in one of three groups:

- 1) High School graduates will be considered for admission on the basis of A.C.T. Scores; a composite standard score of not less than 20, plus a 75th percentile rating.
- 2) Licensed Practical Nurses will be considered for admission on the basis of a high school diploma or G.E.D., a score of 500 or better on the State Board Examination, and on letters of recommendation from the present employer and director of educational program.

- 3) College students who have earned a minimum of 15 college credits in Biological, Physical or Social Science, and English will be considered for admission on the basis of a 2.75 G.P.A. or better.

Among equally qualified applicants in each of the three groups, students will be selected with consideration to minority groups and to students from all geographic regions served by Boise State College.

Steps to Application:

1. Make application for admission to Boise State College and the Department of Nursing. Both application forms are available from the Admissions Office in the Administration Building, Room 100.
2. Submit an official high school transcript or G.E.D. test scores and official transcripts of all previous college work to the Admissions Office.
3. Submit A.C.T. scores to the Admissions Office.
4. Complete all application requirements by March 1.

General Information

All applicants to the Nursing Program will receive a letter indicating acceptance or non-acceptance.

All applicants admitted to the Nursing Program are required to:

1. Submit a physical exam report and a chest x-ray to the Student Health Center prior to August 1.
2. Purchase a Boise State College Student Nurse uniform.
3. Submit a special nursing laboratory fee of \$25.00 at Fall Registration. (Yearly)

PROMOTION AND GRADUATION

1. Students must make reasonable progress throughout the nursing curriculum. A G.P.A. below 2.0 will disqualify a student from continuing the next semester of the nursing curriculum.
2. Nursing students obtaining a "D" or "F" in their major (nursing) must repeat the course and raise the grade to "C" or above before continuing the nursing curriculum.
3. A grade of "D" in any theory or clinical evaluation period will place a student on probation.
4. Two grades of "D" or one "F" in theory or clinical evaluation is considered adequate reason for dismissal from the program. When this situation occurs, it will be reviewed by nursing faculty for final action.
5. Any student whose grade is "F" in any theory or clinical evaluation receives an "F" for the course.
6. Students entering each semester of the nursing curriculum must have a 2.0 G.P.A.
7. Students with a cumulative G.P.A. of 2.0 and no grade below a "C" in their major qualify for graduation.

NURSING CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
*Chemistry (C 101)	4	—
General Psychology	—	3
*Nutrition	3	—
*Human Physiology and Anatomy	—	5
*Basic Health Needs	6	6
	16	17
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
*Microbiology	3	
*Sociology		3
*Humanities Elective	3	3
Elective	2	
*Deviations from Basic Health	8	8
*Nursing Seminar	1	1
	17	15

* Core Courses (Those listed for the Freshman Year must be completed before enrolling in those listed for the sophomore year)

** Courses in Music, Art, Drama, Literature, Philosophy, Communications, and Foreign Language meet the requirement of the humanities elective.

DEPARTMENT OF PREPROFESSIONAL STUDIES

INTRODUCTION

The PreProfessional Studies Department has responsibility to those students who intend to apply to a professional school in one of the health science occupations and who have therefore declared a major in: pre-medicine, pre-dentistry, pre-veterinary medicine, pre-optometry, pre-pharmacy, pre-dental hygiene, and other health sciences professions.

Academic

Students in pre-medicine, pre-dentistry and pre-veterinary medicine may choose a Biology or Chemistry option (below) or Health Science Studies (Dept. of Allied Health Studies). In addition to these basic options, courses in Medical Sociology, Community Health, and Medical Terminology are recommended. The student's academic progress is monitored by the advisory faculty and the Dean of the School. At appropriate intervals the student is counseled regarding his or her progress toward a career goal.

Clinical

In addition to their academic course work the Pre-Professional Studies students have opportunities and are encouraged to work and observe at first hand the practice and delivery of health care in a clinical environment.

PreProfessional Internship

Selected students in their third or fourth year may register for an internship of two credits per semester. These students will work and study in a clinical environment with a practicing physician, dentist, veterinarian, etc.

Hospital Learning-Volunteers

Students may be identified as special volunteers. The hospital will endeavor to rotate each volunteer through various departments of the hospital in which they will perform their volunteer service. These students must be majors in the School of Health Sciences and be certified to the hospital by the Dean.

Requirements for Pre-Medical, Pre-Dental, Pre-Veterinary Medicine Studies†

I. Biology Option

1. General College and Baccalaureate Degree	
Requirements to include	30
English Composition	6
General Psychology	3
2. Biology Requirements	34-35
Advanced General Biology	10
General Bacteriology	5
Comparative Anatomy	4
Vertebrate Embryology	4
Mammalian Physiology	4
General Genetics	3-4
Vertebrate Histology	4
3. Chemistry Requirements	25-27
General Chemistry	10
Organic Chemistry	6-8
Analytical Chemistry	5
Biochemistry	4
4. Physics and Mathematics	18
General Physics	8
Mathematics sequence	10
Totals for areas 1-4	107-110
* Electives Needed	18-21

II. Chemistry Option

1. General College and Baccalaureate Degree	
Requirements to include	30
English Composition	6
General Psychology	3
2. Biology Requirements	21-22
Advanced General Biology	10
Comparative Anatomy	4
General Genetics	3-4
Vertebrate Embryology	4
3. Chemistry Requirements	41
General Chemistry	10
Organic Chemistry	10
Analytical Chemistry	5
Physical Chemistry	8
Instrumental Analysis	4
Chemistry Preparations	2
Chemistry Seminar	2
4. Physics and Mathematics	26
Math 115-116	10
Math 205-206	8
General Physics	8
Total for Areas 1-4	118-119
* Electives	9- 10

* Additional upper division credits so that upper division credits total at least 40.

† Other Pre-Professional Studies majors will be given curriculum recommendations specific to their interests by the faculty advisors.

SCHOOL OF HEALTH SCIENCES
Pre-Professional Studies

(Suggested Programs)

CHEMISTRY OPTION

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5
Mathematics	5	5
Area II Courses	3	3
Physical Education Activities	1	1
	17	17
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Advanced General Biology	5	5
Organic Chemistry	5	5
Calculus and Analytical Geometry	4	4
Area I Courses	3	3
	17	17
JUNIOR YEAR:	1ST SEM.	2ND SEM.
Comparative Anatomy	4	—
Vertebrate Embryology	—	4
General Physics	4	4
General Genetics	—	3-4
Analytical Chemistry	5	—
Area I Courses	3	3
	16	14-15
SENIOR YEAR:	1ST SEM.	2ND SEM.
Physical Chemistry	4	4
Instrumental Analysis	4	—
Chemical Preparations	1	1
General Psychology	3	—
Area II Courses	—	3
Chemistry Seminar	1	1
Electives	3	4-5
	16	13-14

BIOLOGY OPTION

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
General Chemistry	5	5
Mathematics	5	5
Area II Courses	3	3
Physical Education Activities	1	1
	17	17
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Advanced General Biology	5	5
*Organic Chemistry	3-5	3-5
General Psychology	3	—
Area I Courses	3	6
	14-16	14-16
JUNIOR YEAR:	1ST SEM.	2ND SEM.
General Physics	4	4
Analytical Chemistry	5	—
Comparative Anatomy	4	—
Genetics	—	3-4
Vertebrate Embryology	—	4
Area I Courses	3	—
Electives	—	4-5
	16	16
SENIOR YEAR:	1ST SEM.	2ND SEM.
General Bacteriology	5	—
Vertebrate Histology	4	—
Mammalian Physiology	—	4
Biochemistry	—	4
Area II Electives	3	—
Electives	3-5	7-9
	15-17	15-17

Pre-Dental Hygiene

This curriculum is designed for students interested in a professional career in dental hygiene. This particular program is designed for students planning to enroll in the dental hygiene program as sophomore or junior students at Idaho State University. The dental hygiene curriculum leads to either a Bachelor of Science or Bachelor of Arts Degree in Dental Hygiene. Those students who plan to enroll at schools other than Idaho State University are advised to pattern their pre-dental hygiene curriculum after that of the specific school to which they expect to transfer.

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition 101 and 102	3	3
General Biology 101 and 102	4	4
Introduction to Sociology 101	3	—
General Psychology 101	—	3
Physical Education Activities	1	1
Non-specified Electives	3	—
Humanities Elective	—	3
Professional Speech Communication 102	—	2
	14	16

SOPHOMORE YEAR:		
Introduction to General Chemistry 101 and 102	4(5)	4(5)
or General Chemistry 111 and 112		
Mathematics 111, Algebra and Trigonometry	5(4)	—
Non-specified Elective or Foreign Language	—	3(4)
Microbiology 205	3	—
Human Physiology and Anatomy 107	—	5
Nutrition 207	—	3
Humanities Elective	3	—
	14-16	15-17

DEPARTMENT OF ALLIED HEALTH STUDIES

INTRODUCTION

In order to deliver the best health care possible, it is necessary that the physician or other members of the health care team be able to utilize the many complex and specialized tests, procedures and instruments which modern medical science has produced. This requires that persons must be trained to complement and support the physician in providing the best treatment for the patient. These other members of the health team are known as allied health personnel.

In 1967 the ratio of allied health personnel to physicians was approximately ten allied health people to one physician. The present ratio is approaching the projected ratio for the mid-seventies of twenty to twenty-five per physician. It is clear that delivery of adequate and quality health care depends on the education of persons in technological specialties.

HEALTH SCIENCE STUDIES

BACHELOR OF SCIENCE

The bachelor of science degree in Health Science provides the curriculum whereby an individual may gain an education in the biological, physical, and health sciences to provide a foundation for additional professional or graduate work in several health science professions. This curriculum should be of particular interest to those wishing to qualify for admission into hospital programs leading to certification as medical technologists. It is also recommended for students in pre-medical, pre-dental and pre-veterinary programs.

1. Requirements:

Area I Requirements	12 credits
English Composition	6
Area II requirements	12
Math	10
General Chemistry	10
Organic Chemistry	10
Biochemistry	4
General Biology	10
Bacteriology	5
Physiology	4
Subtotal	83 credits
 2. Electives (science) 6 courses

General Physics (8) or Biophysics (4)	
Genetics (3)	
Histology (4)	
Analytical Chemistry (5)	
Pathogenic Bacteriology (4)	
Cytology (4)	
Parasitology (3)	
Comparative Anatomy (4)	
Subtotal	22-29
 3. Electives (Health Science and Free)

Medical Terminology (3)	
Public Health Administration (2)	
Environmental Economics (proposed 2)	
Preprofessional Internship (2)	
Area I, II or III (7-14)	
Subtotal	16-23
- Total** **128 credits**

MEDICAL TECHNOLOGY

E.G. Fuller, Ph.D., *Academic Coordinator, Assoc. Prof. of Zoology*

L.L. Knight, M.D., *Medical Director and Adjunctive Assoc. Prof.*

L. Beals, M.S., *Director of Clinical Instruction and Adjunctive Assoc. Prof.*

MEDICAL TECHNOLOGY MAJOR

Bachelor of Science Program

Medical Technology offers an excellent opportunity for those interested in science fields which relate to the medical laboratory. However, there is increasing demand for the limited space in the hospital training programs and it is essential that those interested in the profession be well versed in physical, biological and health sciences.

To this end, the School of Health Sciences offers the student two options. He may take three years of academic work (96 credits) in which he will complete the basic science requirements of the Registry of the American Society of Clinical Pathologists as well as the requirements of the college core. The student may then apply for the one-year clinical program, and upon its successful completion will be eligible to write the examination for certification and also will be granted a B.S. degree in Medical Technology.

The student may also complete the fourth year in a prescribed academic program to earn a B.S. in Health Sciences Studies. After completion of one year in an accredited hospital program, he would be eligible for a second degree of a B.S. in Medical Technology.

Those BSC students who gain admission to an accredited hospital program and who wish to have this experience counted for BSC credit must enroll in MT 491-2. A registration fee of one dollar per credit hour is required. This will provide the individual with student privileges such as access to college loans and scholarships, use of the library and gymnasium, etc.

SCHOOL OF HEALTH SCIENCES
Allied Health Studies

**REQUIREMENTS FOR MEDICAL
TECHNOLOGY MAJOR**

1. Completion of basic core requirements:

English composition	6 credits
Area I	12
Area II	12
Mathematics	10
General Chemistry	10
Organic Chemistry	10
Biochemistry	4
General Biology	10
Bacteriology	5
Physiology	4
2. Health Science, Science and Free Electives

	13
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- Total
3. Senior year — Clinical Class and Practice

A calendar year to be spent in St. Luke's Hospital or St. Alphonsus Hospital, Boise, Idaho; or in other hospitals having training programs approved and accredited by the ASCP.

	32 credits
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Total96 credits

MEDICAL TECHNOLOGY MAJOR
(Suggested Program)

FRESHMAN YEAR:

English Composition	3	3
General Chemistry	5	5
Mathematics	5	—
Area II Electives	3	6
	16	16

SOPHOMORE YEAR:

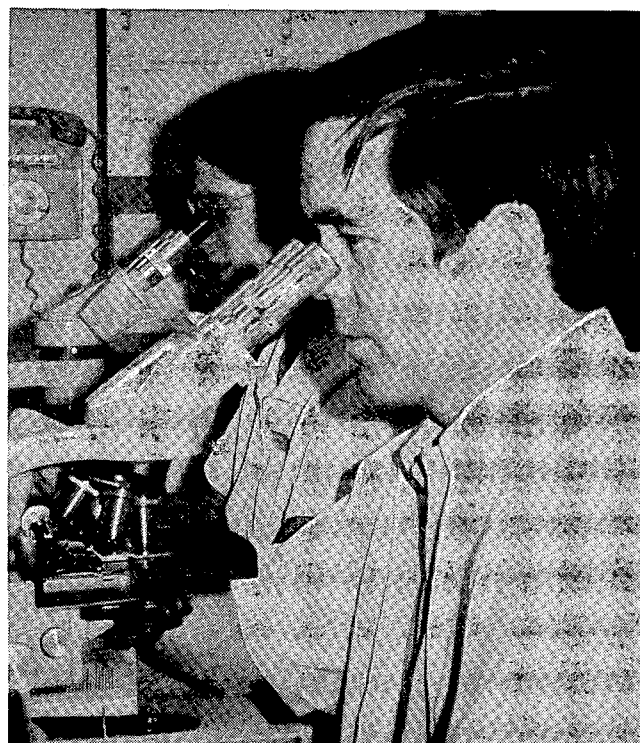
Advanced General Biology	5	5
Organic Chemistry	5	5
Area I Electives	4	4
Area II Electives	3	—
Unspecified Electives	—	3
	17	17

JUNIOR YEAR:

General Bacteriology	5	—
Biochemistry	—	4
Mammalian Physiology	—	4
Area I Elective	4	—
Unspecified Electives	7	8
	16	16

SENIOR YEAR — Clinical Class and Practice

Hematology	6	—
Clinical Bacteriology	8	—
Clinical Parasitology & mycology	2	—
Urinalysis	1	—
Clinical Chemistry	10	—
Serology	3	—
Immunology	2	—
	32	—



Respiratory Therapy

L. Christensen, A.R.I.T., *Director*

C. Reilly, *Coordinator of Clinical Instruction*

C.E. Reed, M.D., *Medical Director, Adjunctive Associate Professor*

Instructors: L. Christensen, A.R.I.T., T. Gable, D. Nueurenberg, A.R.I.T., C.E. Reed, M.D., E. Schaeffer, T. Turner, M.D., C. Reilly

Advisory Board: M. Chapman, S. Gossi, J. McCabe, M.D., D. Merrick, M.D., D. Neurenberg, A.R.I.T., C. Reed, M.D., D. Ricks, M.D.

Philosophy

Respiratory Therapy is an allied health specialty which is concerned with the treatment, management, control and care of the patient's process of breathing. The Respiratory Therapist is a specialist in the use of therapeutic and diagnostic aids to breathing.

The Respiratory Therapy program at Boise State consists of a two-year course of study leading to an Associate of Science degree in Respiratory Therapy. The program is accredited by the American Medical Association.

The program consists of basic courses in arts and sciences and professional courses in respiratory therapy. Receipt of the Associate of Science degree qualifies the student academically for the examination of the American Registry of Inhalation Therapists, which is the professional designation.

Objectives

The graduate will be prepared to accomplish the following objectives under medical direction:

a. Administer gas, humidity, and aerosol therapy, including the administration of drugs by these therapeutic methods.

b. Administer intermittent positive pressure breathing treatments.

c. Assist with long term continuous artificial ventilation, special therapeutic procedures and cardiopulmonary resuscitation; also perform tasks related to patient care, especially those of airway management, while he is involved in giving respiratory therapy.

d. Participate in the development of Respiratory Therapy units.

Requirements for Admission

Admission to the Respiratory Therapy program is based upon general college requirements.

1. Make application for admission to Boise State College (including submission or report of physical examination) and also complete special application for the Respiratory Therapy Program. Both applications are available at the Admissions Office.

2. Take A.C.T. program of tests.

3. Send a copy of high school transcript or G.E.D. test scores and transcripts of all previous college work to the Admissions Office.

4. Complete all application requirements by March 1st of the year of enrollment.

All applications will be reviewed by the Respiratory Therapy Selection Committee following March 1st. Applicants are selected on the basis of previous academic performance, A.C.T. test scores, and health status.

Acceptance by the college does not constitute acceptance into the Respiratory Therapy Program.

All applicants will receive letters from the Director of Respiratory Therapy indicating acceptance or non-acceptance. Those accepted must submit a satisfactory chest x-ray to the Student Health Services prior to registration. Respiratory Therapy student uniforms are required.

Promotion and Graduation

1. Students must maintain a GPA of at least 1.8 during the first semester and a GPA of at least 2.0 in subsequent semesters. A GPA of less than the required shall automatically place a student on probation.

2. Students obtaining a "D" or "F" in their RT must repeat the course and raise their grade to "C" or higher before continuing the Respiratory Therapy curriculum.

3. Students who have completed all course requirements with a GPA of 2.0 or better and no grade lower than "C" in their RT qualify for graduation.

RESPIRATORY THERAPY CURRICULUM

FRESHMAN YEAR:

Anatomy and Physiology	5	—
Microbiology	—	3
Chemistry	4	4
English	3	3
Medical Terminology	3	—
General Psychology	—	3
Respiratory Therapy Fundamentals I	3	—
Respiratory Therapy Fundamentals II	—	3
	18	16

Summer Session - 5 weeks

Respiratory Therapy Fundamentals III	3	—
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SOPHOMORE YEAR:

Principles of Pharmacotherapeutics	3	—
Humanities Elective	—	3
Respiratory Therapy Cardiopulmonary Physiology	3	—
Respiratory Therapy Pathology	—	3
Advanced Respiratory Therapy I	9	—
Advanced Respiratory Therapy II	—	9
	15	15

Medical Records Technology

E. C. Rockne, B.A., R.R.A., *Director*

J. A. Coltrin, B.S., R.R.A., *Supervisor of Directed Practice*

C. C. Morgan, M.D., *Medical Director and Adjunctive Associate Professor*

Advisory Board: G. Ball, A.R.T., M. Dorsey, R.R.A., R.N., C. Hungerford, A.R.T., P. Kemper, A.R.T., C. Morgan, M.D., L. Schimmels, A.R.T.

Medical record technicians work in the medical record departments of hospitals, clinics, nursing homes, research centers, or other health agencies where health records are prepared, analyzed and preserved. As a vital member of the health care team, frequently unseen by the patient or his family, the medical record technician works closely with other health professionals to gather and make available the information needed to provide the best patient care. Because of the increase in numbers and types of health agencies, there is a corresponding increase in the demand for qualified medical record technicians.

Graduates of the program are eligible to write the national accreditation examination, and upon passing this test, are recognized as Accredited Record Technicians. If desired, those who complete the program may utilize the credits for future matriculation into a four year program for Medical Record Administrators.

The program, which offers an Associate of Science degree, is approved by the American Medical Record Association and the Council on Medical Education of the American Medical Association.

CURRICULUM

FRESHMAN YEAR:

Medical Terminology	3	—
Medical Record Science	4	4
Concepts of Biology	4	—
Human Physiology and Anatomy	—	5
Intermediate Typing	2	—
English Composition	3	3
Fundamentals of Speech-Communication	—	3
	16	15

Summer Session: Medical Record Science - Directed Practice, 4 credits.

SOPHOMORE YEAR:

Advanced Medical Record Science	5	5
Health Institute Management	—	3
History (HY 101 or HY 151)	3	—
Medical Legal Concepts	—	2
Business Math/Machines	3	—
Introduction to Data Processing	—	3
General Psychology or Introduction to Sociology	3	—
Elective (if needed)	—	2 or 3
	14	15 or 16

Medical Secretary

H. R. Johnson, Academic Advisor, M.A. (*Assoc. Prof., Office Adm.*)

The Medical Secretary must be able to do everything that is expected of any good secretary and, in addition, will have special responsibilities inasmuch as the secretary is usually the initial and main contact through which the patient deals with his physician. The Medical Secretary must be sensitive to the special needs of sick people. She must also recognize the very special relationship that exists between patient and physician and maintain a high and consistent level of ethical conduct and confidentiality. In the physician's office the Medical Secretary often acts as business manager, sending out bills, keeping the books and ordering supplies. In both physician's office and hospital setting the Medical Secretary may be required to take technical medical dictation and transcribe from notes or mechanical dictating equipment.

CURRICULUM

FRESHMAN YEAR:

	1ST SEM.	2ND SEM.
English Composition	3	3
Business Mathematics/Machines	3	—
Human Physiology and Anatomy	—	5
Beginning and Intermediate Typing	2	2
Beginning and Intermediate Shorthand	4	4
Business English	3	—
Electives	2	3
	17	17

SOPHOMORE YEAR:

General Psychology	3	—
Medical Terminology	3	—
Advanced Shorthand	4	—
Secretarial Writing	—	2
Introduction to Business	—	3
Records Preparation and Management	3	—
Principles of Accounting	—	3
Advanced Typewriting	2	—
Production Typewriting	—	2
Elective	—	3
Administrative Office Procedures	—	3
	15	16

For course descriptions see Part IV of the catalog

Radiologic Technology

R. A. Luke, Ph.D., *Academic Advisor, Asst. Prof. of Physics*
D. W. Bennett, M.D., *Medical Director and Adjunctive Assoc. Prof.*
V. DeMond, R.T., *Education Coordinator, St. Luke's Hospital Program*
D. Cook, R.T., *Education Coordinator, St. Alphonsus Hospital Program*

The School of Health Sciences in conjunction with St. Luke's Hospital offers academic courses to support the hospital program. The program is 26 months in duration. Both the college and the hospital offer classes in theory, while the hospital provides the clinical experience for the laboratory practice.

Admission to the program is based on high school and college transcripts and letters by recommendation (three). An aptitude test (S-80 administered by the Employment Security Agency) is also required. The applicant should contact the Education Coordinator of the Department of Radiology at St. Luke's Hospital to arrange for a personal interview.

The student is required to purchase his own uniform in addition to the usual expenditure for books and tuition. The student receives Blue Cross benefits from the Hospitals. The programs are approved under the G.I. Bill.

Students spend approximately 3500 hours in clinical practice working with patients under the supervision of a Registered Technologist or Radiologist in a hospital environment. This may include experience in pediatric radiography, fluoroscopy, film critique, emergency call, as well as other specialty areas. The last two months of training are devoted to clinical work and review for the certifying examination. Upon successful completion of a prescribed curriculum (example below) the student receives a certificate from the Hospital in which he is enrolled.

Sample Curriculum

RADIOLOGIC TECHNOLOGY

FIRST YEAR - FIRST SEMESTER

Anatomy and Physiology	5
Eng. Comp. 101	3
Medical Terminology	3
	<hr/> 11

Theory Clock Hours

Orientation and Elementary Radiation and Protection and Professional Ethics	10
Darkroom Chemistry and Techniques	10
Principles of Radiographic Exposure I	24
Radiographic Positioning-Basic	20
Nursing Procedures Pertinent to Radiology	8
	<hr/> 72

FIRST YEAR - SECOND SEMESTER

Eng. Comp. 102	3
First Aid	3
Fundamental Concepts of Mathematics	4
Psychology 101	3
	<hr/> 13

Theory Clock Hours

Principles of Radiographic Exposure II	30
Radiographic Positioning-Intermediate	15
Common Radiographic Procedures using Contrast Media	8
The Technologist in Surgery	6
Film Critique I	20
Radiographic and Topographic Anatomy I	20
	<hr/> 99

SUMMER SESSION - FIRST YEAR

Eight week Session

Radiological Physics 103	4
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SECOND YEAR - FIRST SEMESTER

Theory Clock Hours

Film Critique II	20
Medical Office Procedures	4
Radiographic Positioning-Advanced	22
Special Radiographic Procedures I	20
Equipment Maintenance	2
Advanced Protection	8
Radiographic and Topographic Anatomy II	20
Intra-Oral Radiography	2
	<hr/> 98

SECOND YEAR - SECOND SEMESTER

Theory Clock Hours

Film Critique III	20
Special Radiographic Procedures II	20
Radiographic Positioning-Review	22
Radiological Safety Monitoring	15
Radiation Therapy	10
Medical Use of Radioisotopes	2
Vascular Radiography	20
A survey of Medical and Surgical Diseases	4
Departmental Administration	2
	<hr/> 115

DEPARTMENT OF COMMUNITY AND ENVIRONMENTAL HEALTH

INTRODUCTION

Studies in this department will consider general aspects of human health which are determined or are contingent on personal, social and environmental action or interaction. The assessment of personal health status, the relationships between personal and community health, the ecological perspective of personal health, the concept of community health, the providers of health care and the existing and potential health care delivery systems, are all important elements for consideration.

The Community and Environmental Health Scientist is needed to satisfy the demand for trained personnel in such areas as public health, environmental pollution control, food inspection, and in teaching and administration. These experts may find employment in federal, state and local agencies. There is also an increasing demand in private industry and in teaching institutions for individuals with this training.

Professors: D.J. Obee, Ph.D.

Special Lecturers: R.H. DesAulniers, C.E. Despain

REQUIREMENTS FOR ENVIRONMENTAL HEALTH MAJOR

Bachelor of Science

A. General Requirements (8 credits)	
English Composition	6
Physical Education Activities	2
B. Area I Requirements (12 credits)	
Electives	12
C. Area II Requirements (12 credits)	
Psychology	3
Sociology	3
Electives	6
D. Science Requirements (69 credits)	
General Chemistry	10
Elementary Organic Chemistry	6
Math 115-116	10
General Physics	8
Advanced General Biology	10
General Bacteriology	5
Entomology	4
Pathogenic Bacteriology	4
Food Microbiology	4
Bioecology	4
Mammalian Physiology	4
E. Public Health Requirements (19 credits)	
Environmental Sanitation	6
Public Health Field Training	8
Public Health Administration	2
Man and His Environment	3
F. Electives (15 credits)	

Suggested Electives

Principles of Data Processing
Principles of Economics
Speech
State and Local Government
Federal Government
General Parasitology



ENVIRONMENTAL HEALTH

Bachelor of Science (Suggested Program)

FRESHMAN YEAR:	1ST SEM.	2ND SEM.
English Composition	3	3
General Chemistry	5	5
Math 105-106 or Math 111-112	5	5
Man and his Environment	3	—
Area I Electives	—	3
	16	16
SOPHOMORE YEAR:	1ST SEM.	2ND SEM.
Advanced General Biology	5	5
Elementary Organic Chemistry	3	3
Area I Electives	3	3
Area II Electives	3	3
Psychology	3	3
	17	17
JUNIOR YEAR:	1ST SEM.	2ND SEM.
General Bacteriology	5	—
Pathogenic Bacteriology	—	4
Entomology	4	—
General Physics	4	4
Environmental Sanitation	3	3
Area I Electives	—	3
Area II Electives	—	3
	16	17
Summer between Junior and Senior Year		
Public Health Field Training	3	—
SENIOR YEAR:	1ST SEM.	2ND SEM.
Food Microbiology	4	—
Mammalian Physiology	—	4
Public Health Administration	2	—
Bioecology	4	—
Introduction to Sociology	—	3
Electives	3	9
	13	16

Course Offerings

H Health Sciences

101 Medical Terminology — 3 credits

An introduction to Greek and Latin prefixes, roots, and suffixes used in medical terminology, as well as in the study of anatomical, physiological, and pathological terms according to systems of the body. Both semesters. Recommended as a beginning course for those with little or no biology background.

210 Principles of Pharmacotherapeutics (Pharmacology) — 3 credits

A course of study designed to consider the special responsibilities of health care professionals in the general considerations of importance in the use of chemicals as therapeutic or diagnostic agents. Prerequisites: C101-102 or C 111-112; B 107 or B 401; or permission of instructor. Fall semester.

293-493 Pre-Professional Internship — 2 credits

The student spends three hours a week in a clinical setting under the direction of a preceptor who is a practicing professional. The student is required to keep a record of his experiences and report them during a weekly lecture-recitation seminar. Prerequisite: Senior standing, GPA above 3.0, recommendation of faculty advisor, consent of the dean.

EH ENVIRONMENTAL HEALTH

301-302 Environmental Sanitation — 3 credits

First semester — A critical review of federal, state, and city ordinances affecting food processing and handling. Second semester — Areas of special community sanitation problems such as waste disposal, insect and rodent control, industrial hygiene, and radiological sanitation, etc. Each semester.

350 Public Health Field Training — 8 credits

Study of actual public health problems, code, compliance, recording procedures, degrading procedure, etc. Prerequisite: Environmental Sanitation. Summer.

401 Public Health Administration — 2 credits

Organization, administration and functions of the various health agencies. Prerequisite: Environmental Sanitation. First semester.

MR—MEDICAL RECORD TECHNICIAN

104 Medical Legal Concepts — 2 credits

A study of the principles of law and ethics as applied to medical record practice. Second semester.

110-111 Medical Record Science — 4 credits

Orientation to Medical Record profession, including its history and progress. Students will learn how to analyze a medical record, check it for completion, code and index according to disease and operation. Planned laboratory experiences will provide practice in these procedures as well as in statistics, filing systems and medical transcription. First year.

160 Medical Record Science Directed Practice — 4 credits

Each student spends 150 hours in a Medical Record Department doing the daily procedures, under the immediate supervision of the hospital personnel. This experience provides the opportunity to put into practice the theories learned during the first year of Medical Record Science. Prerequisite: MR-110,111.

210-211 Advanced Medical Record Science — 5 credits

More detailed coding and indexing of medical records, outpatient department records, Medicare, cancer registry, and methods of record keeping in nursing homes or extended care facilities. Provides 12 hours per week of directed practice. Prerequisite: MR 110, 111, 160. Second year.

221 Health Institute Management — 3 credits

Introduction to the organizational, management, administrative, social and economic aspects of major health institutions. Particular emphasis is placed on hospital accreditation standards and interdepartmental relationships. Prerequisite: MR 110, 111. Second semester.

RN REGISTERED NURSING

120, 121 Basic Health Needs — 6 credits per semester

Presents basic human needs, mental and physical health as applied to people of all ages in the community and the hospital and to the family during the reproductive cycle and crisis situations, including characteristic developmental tasks of all age groups. The student has the opportunity to develop beginning nursing skills in providing nursing care in nursing homes and hospitals in the medical-surgical and maternal-child care areas. 3 lectures and 3 laboratory periods per week. Prerequisite: Admission to the Department of Nursing.

220, 221 Deviations from Basic Health — 8 credits per semester

Deviations from Basic Health are presented in relation to basic concepts of human needs. The concepts of mental health, oxygen activity, nutrition, elimination, safety and comfort will be emphasized in relation to need deprivation. The clinical application will provide the student with the opportunity to apply and learn nursing skills to people of all age groups. 4 lectures and 4 laboratory periods per week. Prerequisite: Core courses of the first year nursing curriculum.

223, 224 Nursing Seminar — 1 credit per semester

Discussions of factors relating to the role of the graduate as a registered nurse. Philosophy of health care and interpersonal relationships among health care workers. (One seminar per week). Prerequisite: Core courses of the first year nursing curriculum.

RT RESPIRATORY THERAPY

101 Respiratory Therapy Fundamentals I — 3 credits

The course is designed to provide a foundation in scientific principles and mathematical concepts as applied to respiratory therapy. Prerequisite: admission to the program.

102 Respiratory Therapy Fundamentals II — 3 credits

The course provides an introduction to respiratory therapy concepts and techniques in gas, aerosol and humidity therapy. The student will practice beginning respiratory therapy techniques on equipment in a laboratory setting. Two lectures and one lab period. Prerequisite: RT 101.

103 Respiratory Therapy Fundamentals III — 3 credits

The course provides theory and clinical practice in gas, aerosol and humidity therapy techniques in a hospital setting. Drug therapy related to these techniques is presented. Instruction on care and maintenance of equipment used in clinical practice is provided. One lecture, 2 lab periods. Prerequisite: RT 102.

201 Respiratory Therapy Cardiopulmonary Physiology — 3 credits

The course provides a background in normal physiological functions of the pulmonary and circulatory systems. Prerequisite: Core course of first year Respiratory Therapy program. Two lectures, 1 laboratory period.

205 Advanced Respiratory Therapy I — 9 credits

The course provides advanced study and clinical practice in concepts of airway management, cardiopulmonary resuscitation, emergency procedures and long term ventilation in a hospital setting. Instruction in the care and maintenance of equipment used in clinical practice will be provided. Three lectures, 6 laboratory periods per week. Prerequisite: RT 103.

206 Advanced Respiratory Therapy II — 9 credits

The course provides advanced study and clinical practice in gas analysis, spirometry, pulmonary function, in hospital setting. Respiratory Therapy department organization and administration is provided. Three lectures, 6 laboratory periods per week. Prerequisite: RT 205 and RT 201.

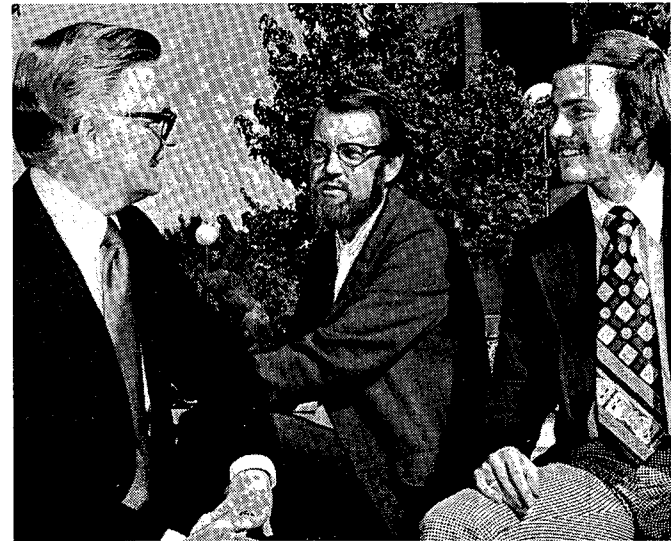
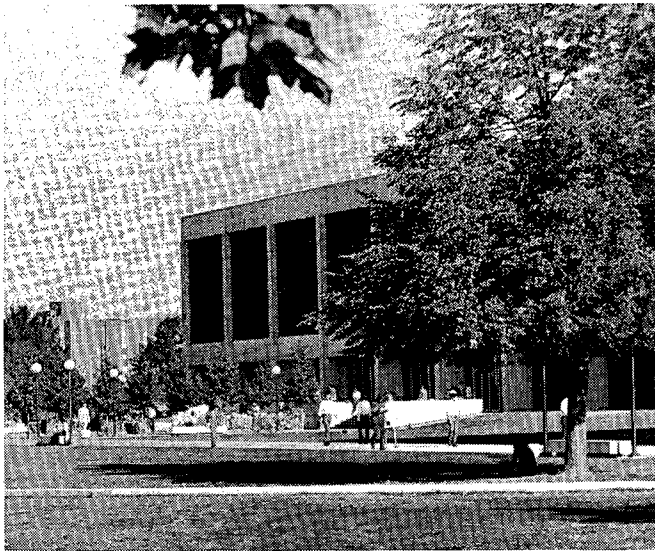
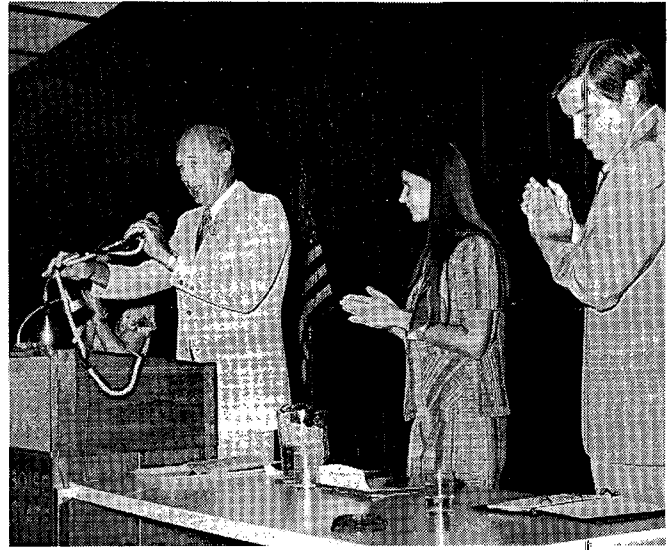
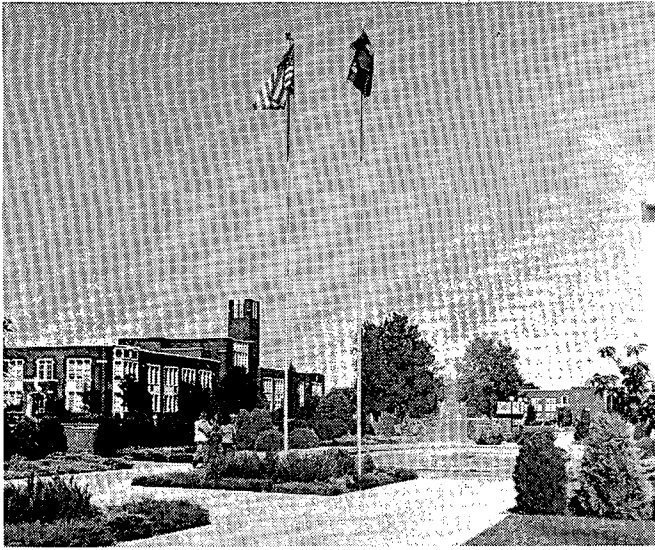
211 Respiratory Therapy Pathology — 3 credits

The course provides background in pathology related to the pulmonary and circulatory systems. Prerequisite: RT 201.

MT MEDICAL TECHNOLOGY

491-2 Clinical Class and Practice — 32 credits

Course requires 12 consecutive months of instruction in a hospital school approved by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS). Student spends approximately 40 hours a week in a laboratory practicum. Six to eight hours a week are set aside for reading assignments, lectures and examinations. Prerequisite: Acceptance by a hospital school accredited by the NAACLS.



PART 7

Graduate School

GRADUATE SCHOOL

DEAN: GILES WILSON MALOOF, Ph.D.

Programs

Boise State College offers the graduate degrees of Master of Business Administration (MBA) and Master of Arts in Elementary Education (MA). Three curricula are available for students working toward the MA. These are as follows:

MA in Elementary Education with

I) Curriculum in Education

II) Curriculum in Reading Education

III) Curriculum in Education—Core Enriched

THE GRADUATE FACULTY

Ordinarily, the Graduate Faculty are also members of the faculty of a department in one of the other schools—Arts and Sciences, Business, or Education. As such, they are listed elsewhere in the catalog by their departmental affiliation. In the following listing the total numbers are listed by rank.

GRADUATE FACULTY

Professors	42
Associate Professors	68
Assistant Professors	50
Instructors	5
Associate Graduate Faculty	7

General Information for Graduate Students

Application for Admission

Application for admission to the graduate programs in Elementary Education and Business Administration or general graduate study as an unclassified graduate may be made at any time. It is recommended, however, that at least two months before the first enrollment, the Admissions Office will have received the application for admission and transcripts of all undergraduate and graduate work. This will provide sufficient time to process the application prior to the semester the applicant wishes to commence his graduate study. Petitions for exceptions will be directed to the Graduate Dean. The transcripts are to be sent directly to the Boise State College Admissions Office by the Registrar of the college or university which the applicant previously attended. For that purpose the applicant should communicate with the Registrars concerned and then allow them sufficient time to process and mail the transcripts.

All documents received by the College in conjunction with such applications for admission become the

property of Boise State College. Under no circumstances will they be duplicated, and the original returned to the applicant or forwarded to any agency or other college or university.

Special Status Classification (for students not requesting admittance to the Graduate School)

Persons who feel qualified to profit from graduate courses may enroll in these under "Special Status" provided all of the following conditions are met:

1. There is space available in the class.
2. The instructor, after counseling the applicant, is satisfied that he can profit from the course.
3. The student signs a waiver form which states that he understands that he has not been admitted to graduate school; that there is no commitment to accept his special status credits toward a degree, if he should be admitted.

General Admissions Criteria

A student may be admitted to the Graduate School at Boise State College when the following admissions criteria have been met:

1. The applicant has earned a Bachelor's degree from an accredited institution, or furnishes proof of equivalent education.
2. The applicant has maintained a grade point average which meets the minimal requirements of the School of (Business or Education) in which he wishes to enroll. Students interested in graduate work in business are directed to page 107 education students should see page 127.
3. Completion of the predictive examination required by the department as listed under departmental criteria. Students interested in graduate work in business are directed to page 107; education students should see page 127.
4. Recommendation for admission by the department in which the student expects to work and approval by the Graduate School.

Graduate Program Classifications (for students requesting admittance to the Graduate School)

Applicants may be admitted to the Graduate School under three classifications.

Regular Status: The student has been admitted with full graduate status into a graduate degree program and has received official institutional notification to this effect.

Provisional Status: An applicant may be admitted to the Graduate School with provisional status if the department or academic unit in which he plans to study requires additional evidence of his qualification for admission with regular status. No student may maintain provisional status indefinitely. The department or academic unit concerned will normally make a final determination on a student with provisional status by the time he has completed twelve (12) credits of approved study.

Unclassified Status: An applicant whose academic record indicates that he is qualified to study on the graduate level, but who is not pursuing a graduate degree program, may be admitted to the Graduate School in an unclassified status. Credit for such work must be approved by the department or academic unit concerned, after a review of the proposed program of study has been made. This status is intended for students seeking an additional bachelors degree or some definite educational objective related to but distinct from the MBA or MA degrees.

Graduate Courses for Undergraduate Credit

Boise State College "seniors" may take up to two 500 level courses for upper division credit applied to their bachelors degree program. The necessary permit forms are available through the Admissions Office and the office of each dean. Determination of what constitutes a "senior" for the purposes of this policy is left to the graduate dean.

Graduate Credit for Seniors

A Boise State College senior with the approval of the department in which he plans to work and the Graduate Dean may enroll for graduate credit during his senior year insofar as these credits will not prejudice his graduation during that academic year. The necessary Senior Permit Forms are available at the Admissions Office, and the office of each dean.

Scholarship Requirements

Academic excellence is expected of students doing graduate work. A student whose academic performance is not satisfactory may be withdrawn from the degree program by the Dean of the Graduate School upon the recommendation of the department or academic unit concerned.

To be eligible for a degree in the Graduate School, a student must achieve a grade point of "B" (3.00) or better in all work, exclusive of deficiencies, specifically included in his program of study. No grade below "B" may be used for any 300 or 400 level courses in a graduate program. Grades below "C" cannot be used to meet the requirements of a graduate degree. Grades on transfer work will not be included in computing grade point average.

Repeat, Retake Policy

A student who earns a grade of "D" in a graded 500 series course at Boise State College may include no more than one repeated course toward a master's degree program. A sequence graded as a single unit (like TE-570, 571, 572) will be counted as one course, one repeat, for the purposes of this policy. A student who earns a grade of "F" may **not** count a retaken course toward any master's degree program at Boise State College.

This rule implies that a student who gets an "F" in a required core course—(TE-570, 571, 572 or MB 510, MB 511, MB 512, MB 513) is automatically excluded from further master's degree work in whichever program he was in. With a "D" in one of these courses there is a single chance of redemption.

Credit Requirements

A minimum of thirty (30) semester credits of course work approved by the graduate student's supervisory committee is required. More than thirty (30) semester credits may be required in certain programs.

Supervisory Committee Assignment

Upon admission of the applicant with regular graduate status, a supervisory committee, consisting of a chairman and other faculty members, will be appointed by the department fielding the program. This supervisory committee will establish with the student a program of study, direct any thesis or graduate projects, and administer his final examination(s).

Students admitted with provisional status will be assigned a temporary advisor who will be responsible for building a tentative program of studies. This advisor will guide the student with respect to meeting the stipulations of the provisional admission. Once the provisional stipulations have been satisfactorily met by the student, the department concerned will recommend to the Dean of the Graduate School that the student be admitted with regular graduate status.

Residence Requirements

A minimum of twenty-one (21) semester credits of approved graduate work taken on the college campus is required.

Transfer of Credits

A maximum of nine (9) semester graduate credits taken at other institutions may be transferred for credit toward a Master's Degree provided the courses are an acceptable part of the program of study planned by the student's supervisory committee. Such courses must have been taken in an accredited college or university. Only courses with "A" or "B" grade may be transferred to Boise State College for application to a graduate degree. In general, the transfer of extension credits is discouraged. Exception may be made by departments after a detailed examination of the specific courses taken. No correspondence courses will be accepted for graduate credit. All appropriate graduate work taken through the Cooperative Graduate Center can be accepted as residence credit.

Time Limitations

All work offered toward a master's degree from Boise State College must be completed within a period of seven (7) calendar years. The seven (7) year time interval is to commence with the beginning of the oldest course (or other academic experience) for which credit is offered in a given master's degree program, and the interval must include the date of graduation when the master's degree from Boise State is given.

Challenge Policy

The provisions of the challenge policy stated in the catalog section, Admission Requirements to the College under subsection IV-I with the subtitle *Challenging Courses — Granting Credit by Examination* apply to graduate courses. In particular, the decision to allow or not to allow

GRADUATE SCHOOL

challenges will be made by the department fielding the course to be challenged. For interdisciplinary courses, the decision will be made by the school officer in charge of the graduate program to which the course applies.

Foreign Language Requirements

Language requirements are determined by the department concerned. If a foreign language is required, the student must demonstrate that he possesses a reading knowledge of a language specified by the department.

Thesis Requirements

The requirement of a thesis or similar project is determined by the department or interdisciplinary unit concerned. The final copy of the thesis must be reviewed by the student's supervisory committee and submitted to the Dean of the Graduate School at least three (3) weeks before commencement.

Candidacy

A student should apply for admission to candidacy and graduation as soon as he has completed twelve (12) hours of graduate work with a grade point average of at least 3.00 in an approved graduate program of study, has removed all listed deficiencies, and has met any specified foreign language requirements.

Candidacy involves specifying — on the appropriate program development forms — the list of courses and projects which comprise the MBA or MA. This list, properly approved, constitutes the student's program. Changes in the planned program after admission to candidacy must be recommended in writing by the student's supervisory committee and be approved by the Dean of the Graduate School.

Program Development Form

Graduate students in **Regular Status** will complete a Program Development Form with their advisor or committee before the end of the first academic period (summer, fall, or spring) in which they take graduate work at Boise State College, after having been notified of admission in Regular Status. With the word **Regular** changed to read **Provisional**, the above rule also applies verbatim to students notified of admission in Provisional Status.

This rule does not apply to students admitted in Unclassified Status, nor does it apply to Special Status Classification students (these are admitted only to Boise State College and not to the Graduate School).

The Program Development Form will be available from the schools offering graduate degree programs (Business and Education). The advisor or committee will file the Program Development Form upon completion. Each change in program must be completed by filing a new Program Development Form showing the changes from the previous form.

Any courses being offered as transfer credit, as credit reserved, or as credit through the Cooperative Graduate

Center must be claimed at the time the Program Development Form is originally filed, or before the end of the first academic period (summer, fall or spring) after which the credit has been earned, whichever is the earlier date.

It is the responsibility of the graduate student to keep all program changes up to date by completing and filing amended or new Program Development Forms as necessary.

The Program Development Form is to be used to effect a change of status from Provisional to Regular. That is, when a student is given Provisional Status the admission letter states what must be done to attain Regular Status. When this contract is completed, the student obtains Regular Status by completing a new (Regular Status) Program Development Form and filing it with his committee or advisor.

Final Examination Requirements

The requirement of a final examination, written, oral, or both, is optional with the department or interdisciplinary unit which fields the student's program. When the examination is required, it is administered by the unit concerned. The dates for these examinations are set by the Graduate School once each semester and summer session. They are listed in the BSC Bulletin Calendar. A student is not eligible to apply for the final examination until he has been admitted to candidacy.

Failure in the examination will be considered terminal unless the supervisory committee recommends, and the Dean of the Graduate School approves, a re-examination. Only one re-examination is permitted. At least three months must elapse before a re-examination may be scheduled.

The requirement of a final examination in defense of any thesis or project is optional with the department or interdisciplinary unit concerned. When required, a final examination in defense of the thesis must be conducted at least three weeks before commencement. On a final oral examination in defense of a thesis, an additional member, who may be from outside the department or school, may be appointed by the Graduate Dean at his discretion. Application for the final comprehensive examination(s) is made through the office of the dean (Business or Education) of the school fielding the program.

Application for Predictive Examinations

As previously indicated, predictive examination scores may be required by certain departments. With respect to those departments which stipulate as part of the admissions criteria performance scores from predictive examinations, it is necessary that application be made without delay to take the examination.

Education students are not required, at the present time, to take a predictive examination and consequently have no need to make application for taking the predictive examination.

Students wishing to pursue graduate study in Business Administration should contact the Office

of the Dean, School of Business, Boise State College, to secure the forms necessary to make application for taking the predictive examination called the ATGSB. Every effort should be made to take the ATGSB as soon as possible because students normally will not be given program status before the ATGSB results are reported. Courses taken before the student is admitted (i.e. "Special status" courses) will not necessarily be allowed toward the M.B.A., even if the student is admitted subsequently. Candidates for the M.B.A. are required to score at least 450 on the ATGSB before regular status can be obtained under program classification.

Credit Limitation in Courses Graded Pass or Fail and Independent Study

599—Conference and Workshop

A maximum of three (3) credits earned with a grade of P will be allowed toward the credit requirements for a master's degree at Boise State College.

596—Independent Study

Master's programs at Boise State College may include independent study credits, at the discretion of the graduate student's supervising committee or professor, through a limit of (9) semester hours, with no more than (6) credits in any one semester or session.

Elementary Education with Core Enrichment

This curriculum in Elementary Education with Core Enrichment is essentially the same as the curriculum in Elementary Education. The distinctive feature is that an approved program may be designed for specialization in a given departmental area such as art, humanities, mathematics, music, or science, to name just a few possibilities. Approved programs will include the basic elementary core of nine (9) semester hours and will allow no more than fifteen (15) of the remaining hours to be in any one departmental area. Various departments in The School of Arts and Sciences offer graduate courses designed especially for students in the Elementary Education programs.

Limitations on Student Course Loads

Graduate students seeking to take courses for graduate credit only in the evening or only in the early morning and in the evening (due to full-time day employment) may not take more than a total of two such courses in any one semester or summer session. Waiver of this rule will not be granted by the Dean of the Graduate School without the explicit recommendation of the dean of the school responsible for the student's program.

Course Numbering System

Courses numbered 500 and above are intended primarily for graduate students. The number designates the educational level of the typical student in the class—i.e., he has graduated from college.

Other courses than graduate, numbered at the 300 or 400 levels, may be given g or G designation to carry graduate credit. The department or school concerned will have the right to limit the number of

g or G credits which can count toward any degree for which it has responsibility, and in no case can more than one-third of the credits in a degree program be in courses at the 300 and 400 level.

A department or school which uses g and G designations will use them to have the following significance:

1. g courses carry graduate credit only for graduate students in majors outside of the area of responsibility of the department or school.
2. G courses carry graduate credit for students both in the department or school, and for other students as well.

APPLICATION FOR GRADUATE DEGREE

The final step in completing a graduate program consists of paying the graduation fee (\$5.15) at the College Union Bookstore. This fee includes the diploma and case, a wallet sized diploma copy and also covers the costs to Boise State of final record checking. To pay the fee, one completes the form entitled *Application for Graduate Degree* which can be obtained from the Admissions Office or from the Dean of Business or Education. Arrangements to order the cap and gown may be completed at the bookstore at the time of paying this fee.

College-Wide Graduate Course Numbering:

- | | |
|---------|---|
| 580-589 | Selected Topics |
| 590 | Practicum |
| 591 | Research |
| 592 | Colloquium |
| 593 | Thesis |
| 594 | Extended Conference or Workshop (Graded A-F) |
| 595 | Reading and Conference |
| 596 | Independent Study |
| 597 | Special Topics |
| 598 | Seminar |
| 599 | Short-Term Conference or Workshop (Graded Pass or Fail). This number is available in any semester or session for courses meeting three (3) weeks or less. |



GRADUATE LEVEL COURSE OFFERINGS

HY 334g United States Social and Cultural History 03 credits
TA 421g Theatre History 03 credits
TA 422g
TA 487g Children's Theatre 03 credits
TA 488g
AC 440G Accounting Theory 03 credits
EC 421G Econometrics 03 credits
EC 422G
GB 441G Government and Business 03 credits
MK 415G Market Research 03 credits
P 421g Psychological Measurement 03 credits

School of Arts and Sciences

AR 521 Teaching Through Experimental Art Media 03 credits
AR 522 (Summer School Only)
AR 598 Seminar in Art 03 credits
GO 511 Environmental Geology 03 credits
GO 521 Advanced Topics in Earth Science for Elementary Teachers 03 credits
GO 597 Independent Study and Research for Elementary Teachers 1-4 credits
GS 501 General Science for Elementary Teachers—History of Science Since 1500 03 credits
M 503 Algebraic Systems 03 credits
M 504 Geometric Concepts 03 credits
M 561 Mathematics for Operations Research 04 credits
MU 571 Advanced Practices and Principles in Teaching Music in the Elementary School 03 credits
MU 572 Listening and Singing Experiences for the Elementary School 03 credits
PS 501 Basic Physical Science for Elementary Teachers 03 credits

School of Business

MB 510 Business and its Environment 03 credits
MB 511 Business Research and Communication Techniques 03 credits
MB 512 Quantitative Methods for Business Decisions 03 credits
MB 513 Business Policy Formulation 03 credits
MB 520 Marketing Problems 03 credits
MB 530 Financial Management 03 credits
MB 522 Accounting—Planning and Control 03 credits
MB 540 Organization Theory 03 credits
MB 541 Personnel Policy 03 credits
MB 542 Computer Applications for Management 03 credits
MB 550 Managerial Economics 03 credits
MB 580 Selected Topics—Accounting 03 credits
MB 581 Selected Topics—Information Systems 03 credits

MB 582 Selected Topics—Economics 03 credits
MB 583 Selected Topics—Finance 03 credits
MB 584 Selected Topics—Industrial Psychology 03 credits
MB 585 Selected Topics—Management 03 credits
MB 586 Selected Topics—Marketing 03 credits
MB 596 Independent Study Variable credits
MB 599 Workshop/Conference 01 credit

School of Education

P 501 Counseling and Guidance in the Elementary Classroom 03 credits
P 502 Advanced Educational Psychology 03 credits
P 503 Individual Testing Practicum 03 credits
P 504 Analysis of the Individual 03 credits
P 505 Personality Development 03 credits
TE 501 Advanced Practices and Principles in Teaching Reading 03 credits
TE 502 Diagnosis of Reading Problems (Directed Experiences in the Reading Center) 03 credits
TE 503 Remediation of Reading Problems (Directed Experiences in the Reading Center) 03 credits
TE 504 Seminar in Reading Education 03 credits
TE 505 Tests and Measurements 03 credits
TE 515 Development of Skills for Teaching Pupils with Learning Difficulties 03 credits
TE 516 Development of Skills for Teaching the Fast Learner 03 credits
TE 517 Development of Skills for Teaching the Mentally Retarded 03 credits
TE 518 Techniques for Creative Writing in Elementary Schools
TE 519 Advanced Children's Literature 03 credits
TE 520 Educational Media 03 credits
TE 521 Elementary Physical Education Activities 03 credits
TE 522 Individualization of Reading Instruction 03 credits
TE 510 Advanced Practices and Principles in Teaching School Science 03 credits
TE 511 Advanced Practices and Principles in Teaching Elementary Mathematics 03 credits
TE 512 Advanced Practices and Principles in Teaching Language Arts and Linguistics 03 credits
TE 513 Advanced Practices and Principles in Teaching Elementary Science 03 credits
TE 514 Advanced Practices and Principles in Teaching the Humanities 03 credits
TE 570 Comprehensive Core for Elementary Education 03 credits
TE 571
TE 572
TE 598 Seminar in Elementary Education 03 credits

PART 8

Area Vocational Technical School

AREA VOCATIONAL TECHNICAL SCHOOL

Director: Gilbert McDonald Miller

Assistant Director: Glen Linder

Vocational Counselor:

Callies, Quinowski, Westbrook

Adult Basic Education:

Huff

Auto Body:

Curtis, *Emeritus*: Trapp

Auto Mechanics:

Fuerher, Haydon, King, *Emeritus*: Snell

Child Care Services:

Correll, Lingenfelter

Dental Assisting:

MacInnis

Drafting Technology:

Burkey, Leigh, Watts, Weston

Electronics:

Cofield, LaRue, Millard

Food Service:

Hoff, Scholes, Smith

Heavy Duty Mechanics—Diesel

Warner

Horticulture:

Griffith, Oyler

Machine Shop:

Baggerly, Qualman *Emeritus*: Hager

Mid-Management:

Knowlton, Scudder, Lane

Office Machine Repair:

Harris, Jones

Office Occupations:

Trumbo, Wardbaugh

Parts Counterman:

Lamborn

Practical Nursing:

Blank, Chaffee, MacMillan, Watts

Related Instruction:

Krigbaum, Tennyson, Tompkins

Welding:

Buchanan, Ogden

Objectives of Vocational Education

To provide the opportunity for state and local citizens to acquire the education necessary:

(a) To become employed, to succeed, and to progress in a vocational-technical field.

(b) To meet the present and anticipated needs of the local, state, and national economy for vocational-technical employees.

(c) To become contributing members of the social, civic and industrial community.

Curriculum Changes:

Curriculum changes may be made at any time with the approval of the Curriculum Committee to meet the needs of industry.

Admissions Requirements:

Application materials may be obtained from the Director of Admissions Office, Boise State College.

(a) To fully matriculate a student must have on file in the Admissions Office: a completed application, \$10 fee, physical exam, GATB test scores and an acceptance by a counselor.

(b) Educational Background: Request a transcript of High School credits and, if applicable, a transcript of College credits be sent by the institution(s) directly to the Director of Admissions.

(c) Aptitude Test: Contact the nearest local office of the Department of Employment and request a General Aptitude Test Battery to be taken and request that the office send the results directly to the Vocational-Technical School, Boise State College, Boise, Idaho 83725.

(d) Pay \$75 advance registration fee. This fee will apply on the regular registration fee.

(e) Personal Interview: A personal interview is required.

(f) High school graduation is recommended but is not required to enter a vocational or technical program, provided one has been out of high school *one* complete semester.

VOCATIONAL

Two Year Programs

HO. HORTICULTURE SERVICE TECHNICIAN—CURRICULUM

(Landscape Construction and Maintenance)

The landscape construction and maintenance curriculum has for its objective the preparation of students for employment in the landscape, nursery and florist industries. This includes both the production, sales and service areas of these major fields. The training stresses, the design of landscapes, their interpretation and construction including costs, but the production of nursery plants, plant propagation, the design of landscapes, and landscape planting is also covered. Graduates of the horticulture curriculum qualify for positions in nursery and floral establishments as well as in parks, grounds and highway departments. They may also enter the fields associated with plant propagation, nursery sales, greenhouse work and sales in the related fertilizer and insecticide fields. Credits in this course of study are not counted towards an academic degree.

FRESHMAN YEAR:

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
HO 101-102 Horticulture Laboratory	5	5
HO 111-112 Communication Skills	3	3
HO 131-132 Related Basic Mathematics ..	3	3
HO 141-142 Related Basic Science	2	2
HO 151-152 Horticulture Theory	5	5
	18	18

SOPHOMORE YEAR:

HO 201-202 Horticulture Laboratory	5	5
HO 241-242 Related Science	2	2
HO 251-252 Horticulture Theory	5	5
HO 262 Occupational Relationships	2	
HO 271 Individual Project		3
MM 213 Credits and Collections		2
MM 101 Retail Selling	3	
	17	17

HO HORTICULTURE SERVICE TECHNICIAN— Courses

101 Horticulture Laboratory — 5 credits

Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application to include: exploring occupational opportunities; identification of plants by the use of descriptive terms; identification of biennial and perennial flowering plants; use of scientific names; classifications and botanical structures of plants; climatic and other factors limiting growth; soils; and soil amendments. Fifteen clock hours per week.

102 Horticulture Laboratory — 5 credits

Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include methods of plant propagation; construction of growing containers and houses; arrangements and implementation of entire greenhouse operation; the use of insecticides, pesticides, etc., and precautions necessary during use.

111-112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

131-132 Related Basic Mathematics — 3 credits

First semester—developing comprehension of the basic principles of mathematics. Specific areas include: addition, subtraction, multiplication, division, fractions, percentage, denominate numbers, square root, mensuration. Second semester—developing comprehension of the principles of related bookkeeping and accounting. Specific areas to be covered to include: income and expense accounts, general journal and ledger, sales and purchases, inventories, payroll, etc. Three clock hours per week.

141-142 Related Basic Science — 2 credits

First semester—developing comprehension of the scientific principles utilized in: (1) plant identification, (2) plant growth and development, (3) limiting factors, (4) soils. Second semester—developing comprehension of the scientific principles utilized in: developments which aid plant propagation, construction materials, insecticides, pesticides. Two clock hours per week.

151-152 Horticulture — 5 credits

First semester—developing comprehension, analysis, and evaluation of the following: (1) introduction into the field of horticulture, (2) plant classifications and growth, (3) climate and other growth limiting factors, (4) soil and soil amendments. Second semester—developing comprehension, analysis, and evaluation of the following: plant propagation (sexual); growing containers; insect and disease control. Seven clock hours per week.

201 Horticulture Laboratory — 5 credits

Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete, block, brick, stone and wood structures, growing greenhouse crops, and basic first aid. 15 clock hours per week.

202 Horticulture Laboratory — 5 credits

Applying the related and theory content to the solution of practical problems in horticulture. Specific areas of application include preparing landscape drawings, making concrete block, brick, stone and wood structures, growing greenhouse crops, and basic first aid. 15 clock hours per week.

VOCATIONAL TECHNICAL SCHOOL

Machine Shop

241 Related Science — 2 credits

Developing comprehension of the scientific principles utilized in: (1) plant growing and; (2) materials of construction.

242 Related Science — 2 credits

Developing comprehension of the scientific principles utilized in: (1) power equipment; (2) lawn and shrub maintenance; and (3) plant wounds.

251 Horticulture Theory — 5 credits

Developing comprehension, analysis, and evaluation of the following: (1) various types of construction common to plant growing, i.e. greenhouses, cold frames, hot beds, lath houses, propagators, germinators, etc.; (2) materials of construction, i.e. concrete, mortar, block, brick, stone, wood, etc.; (3) greenhouse crops; (4) first aid. Seven clock hours per week.

252 Horticulture Theory — 5 credits

Developing comprehension, analysis and evaluation of the following: (1) power machines as used in horticulture, i.e. mowers, tillers, saws, shredders, aerifiers, sod cutters, pesticide applications, etc.; (2) turf, shrub, and tree management procedure; (3) prevention and treatment of plant wounds. Seven clock hours per week.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

271 Individual Projects — 3 credits

Providing the opportunity for the student to apply all his prior education in planning, developing and completing a unique, practical horticulture project.

101, 102 Machine Shop Laboratory — 8 credits

The course covers safety, good shop practice, good work habits, and production rates. The set-up and operation of the lathes, milling machines, drill presses, shapers, power saws, grinders, bench work, layout, and the use of special attachments. Twenty laboratory hours per week each semester.

111, 112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

131, 132 Related Basic Mathematics — 2 credits

A study of fractions, decimals, ratio and preparation, and use of tables as applied to the machine shop. Also basic algebra, advanced algebra and geometry as applied to the machine shop. Three clock hours per week each semester.

151, 152 Related Theory — 3 credits

This course provides the knowledge necessary for the machinist student to understand the machining processes and their appreciation as practiced in the laboratory course. Safety and good shop policy are emphasized in all phases of instruction. The set-up, care and maintenance of the machine tools as well as the theory of measuring tools, speeds and feeds, metal cutting, selection of metals, tool design, coolants, allowance and tolerance, indexing, gearing, and production methods. Blueprint reading and sketching is also studied. Four lecture hours per week both semesters.

201, 202 Advanced Machine Shop Laboratory — 8 credits

The set-up and operation involving manipulative training and increased skill in the use of lathes, milling machines, drill presses, shapers, power saws, tools and cutter grinder, surface grinder, heat testing, hardens testings, layout, inspection, tracer lathe, and numerical control mill set-up, operation and programming. Twenty laboratory hours per week each semester. Prerequisite: Machine Shop Laboratory MS-102.

231, 232 Related Advanced Mathematics — 3 credits

A study of the trigonometry as applied to shop problems and the mathematics needed for numerical control machining. Three hours per week each semester. Prerequisite: Related Basic Mathematics MS-132.

241 Machine Shop Science — 2 credits

A study of the scientific principles required in the machinist trade. Three clock hours per week.

251, 252 Related Advanced Theory — 3 credits

Metals and their properties, alloys and their characteristics, production of metals, analysis of tool steels, heat treatment, hardness testing, inspection, jig and fixture design, and numerical control theory as related to the machine shop. A study of new trends of materials, equipment and techniques that are being developed in the machine industry. Four lecture hours per week each semester. Prerequisite: Related Theory MS-152.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

MS MACHINE SHOP CURRICULUM

The machinist's course consists of shop work and related instruction in the use of hand and machine tools together with classroom instruction in problems and technical information related to the trade. Credits in this course of study are not counted toward an academic degree.

FRESHMAN YEAR:

SUBJECT COURSE NO. AND TITLE	1ST SEM.	2ND SEM.
MS 101, 102 Machine Shop Laboratory	8	8
MS 111, 112 Communication Skills	3	3
MS 131, 132 Related Basic Mathematics	2	2
MS 151, 152 Related Theory	3	3
	16	16

SOPHOMORE YEAR:

MS 201, 202 Advanced Machine Shop Laboratory	8	8
MS 231, 232 Related Advanced Mathematics	3	3
MS 241 Machine Shop Science	2	—
MS 251, 252 Related Advanced Theory	3	3
MS 262 Occupational Relationships	—	2
	16	16

OM OFFICE MACHINE REPAIR —CURRICULUM

The course and outline in Office Machine Repair has been developed to give the student of the course enough basic knowledge to be productive and able to perform the average job without any additional training. He will be qualified to make maintenance contract inspections, make proper mechanical adjustments and do general shop work. He will also be in a position to receive on-the-job training by his employer to become a highly specialized mechanic. He will be trained in Basic Electronics, testing procedures, and maintenance techniques for manual, electric, and electronic business machines. This is a two-year course and credits are not counted toward an academic degree.

FRESHMAN YEAR:

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
OM-101-102 Office Machine Repair Lab . . .	5	5
OM-131-132 Related Elec. Math	3	3
OM-143-144 Related Elect. Theory	3	3
OM-145-146 Electronics Lab	2	2
OM-151-152 Rel. Basic Theory	3	3
	16	16

SOPHOMORE YEAR:

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
OM-201-202 Adv. Office Machine Repair Lab	5	5
OM-241-242 Related Electronics Science . . .	3	3
OM-243-244 Adv. Digital Electronics	2	2
OM-251-252 Related Advanced Theory . . .	3	3
OM-262 Occupational Relationships	2	—
MM-101 Retail Selling	—	3
OM-271-272 Basic Machine Operation . . .	1	1
	16	17



OM OFFICE MACHINE REPAIR — Courses

101-102 Office Machine Repair Laboratory — 5-5 credits

First semester—The student is issued standard typewriters to be completely disassembled and reassembled. All adjustments are taught as well as the proper use of hand tools. Instructions are given on the process of chemical cleaning, oiling, and refinishing of platens. Second semester—The student is issued electric typewriters to be completely disassembled and reassembled. All adjustments are taught regarding the electric features of the machine. Special emphasis is placed on maintenance and cleaning of electric motors and the wiring schematic of the machine. The use of power tools and shop equipment is taught during this semester. 15 clock hours per week.

131-132 Related Electronic Mathematics — 3-3 credits

First semester—Review Basic Fundamentals of Math. Slide rule, algebra, geometry, trigonometry. Second semester—continuation, logarithms. Three clock hours per week.

143-144 Related Electronics — 3-3 credits

First semester—The study of basic electricity as applied to office machines. Orientation, safety, color codes, tolerance, scientific notations. Units of measure in physics and electricity, Ohms Law, formulas and graphs. Volt meters and Ammeters, DC networks and problems. Alternating voltage and current. Second semester—A continuation of 143. Capacitors (construction) and AC and DC action. Capacitors and their transient action (trig. functions). Inductors, AC DC and transient action, transformers. Electronic Mathematics and logic circuits. Five clock hours per week.

145-146 Related Electronics Lab — 2-2 credits

First Semester — Application of OM 143, soldering, desoldering, parts identification, construction of a multimeter, use of meters, oscilloscope, basic trouble shooting. Second semester application of OM 144, use of generators, recorders, special purpose test equipment, advanced trouble shooting. 5 clock hours.

151-152 Related Basic Theory — 3-3 credits

Study of mechanical theory of each machine being taught. Regulation factory manuals for office machines are used and the student is taught to read and understand the mechanical drawings, as well as the printed descriptions accompanying them. Five clock hours per week.

201-202 Office Machine Repair Laboratory — 5-5 credits

First semester—the student is issued adding machines to be completely disassembled and reassembled. All adjustments are taught as well as the use of special adding machine tools. Refinishing outside cases and the application of special paints is taught during this semester. Second semester—Each student is issued a calculating machine to be completely disassembled and reassembled. All adjustments are taught. Fifteen clock hours per week. Prerequisite: Office Machine Repair Laboratory OM-102.

241-242 Related Electronics Science — 3-3 credits

Basic physics as it applies to the electronic technician's needs. This course deals with mechanics, heat, sound, and light. Prerequisite: Electronics Science, OM 143-144. Three clock hours per week.

243-244 Advanced Digital Electronics — 2-2 credits

Binary Concept. Basic Logics. Boolean Algebra. Counters, Adders, Basic Computers. 2 clock hours. Prerequisite: 143-144.

VOCATIONAL TECHNICAL SCHOOL

Welding

251-252 Related Advanced Theory — 3-3 credits

First semester—Study of mechanical theory of each machine being taught. Regulation factory manuals for adding machines are used. Special emphasis is placed on the mechanical principles which cause the adding machine to add, subtract, repeat, non-add and non-print, carry-over and credit balance. Second semester—Regulation factory manuals for calculating machines are used. The numerous mechanical methods of machine calculations are studied during this semester with special emphasis being placed on positive and negative multiplications, positive and negative division, automatic multiplication, accumulation, squaring and short-cut methods. Five clock hours per week each semester. Prerequisite: Related Basic Theory OM-152.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

271-272 Basic Machine Operations — 1-1 credits

An introduction is given to the numerous mechanical and mathematical methods used in machine calculations covering basic applied principles. One clock hour per week.

W WELDING — CURRICULUM

The welding curriculum is designed to provide two levels of training. The first year will provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

FRESHMAN YEAR:

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
W 101-102 Welding Lab	8	8
W 111 Communication Skills	3	—
W 131-132 Related Basic Math	3	3
W 151-152 Welding Theory	2	2
W 262 Occupational Relationships	—	2
	16	15

SOPHOMORE YEAR:

W 201-202 Welding Lab	8	8
W 112 Communication Skills	3	—
W 231-232 Related Advanced Math	3	3
W 241-242 Welding Science	4	4
	18	15

W WELDING COURSES

101-102 Welding Laboratory — 8 credits

This course covers oxyacetylene burning by manual and automatic methods; oxyacetylene welding and brazing; arc welding using mild steel and low alloy steel electrodes in all positions; continuous wire feed welding processes; and submerged arc welding processes. The successful completion of this phase of the program will prepare the student for employment as a production welder or to take the second year of the program. Twenty clock hours per week each semester.

111-112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

131-132 Related Basic Mathematics — 3 credits

Basic review of addition, subtraction, multiplication and division of fractions, decimals and mixed numbers with application to basic blueprint reading, layout problems, framing square and weld symbols.

151-152 Welding Theory — 2 credits

This course provides the knowledge necessary for the welding student to understand the welding processes and their appreciation as practiced in the laboratory course. Safety is emphasized in all phases of instruction. The set-up, care and maintenance of oxyacetylene equipment as well as the theory of oxyacetylene burning, welding and brazing is studied. Arc welding equipment and methods are studied with the selection of electrodes for welding of mild and low alloy steels. Continuance feed and submerged arc welding processes are covered. Four hours per week both semesters.

201-202 Advanced Welding Laboratory

Pipe welding in the horizontal and vertical fixed positions. Heliarc and semi-automatic inert gas welding of similar and dissimilar metals and exotic metals. Stress relieving and heat treatment of metals. Twenty clock hours per week each semester. Prerequisite: Welding Laboratory W-102.

231-232 Related Advanced Mathematics — 3 credits

Blueprint reading, layout and design, fitting layout and details. Basic Algebra, Geometry, blueprint reading, layout and design. Three clock hours per week each semester. Prerequisite: Related Basic Mathematics W-132.

241-242 Welding Science — 4 credits

First semester—Study of the basic metallurgy properties of metals and tests to determine their uses; the iron carbon diagram and the part carbon plays in the production of steel. Second semester—Study of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code and procedures. Operators' qualifications; heat treatment of steels, classification of steels, testing and inspection of welds, behavior and influences of alloys in irons, steels and exotic metals, thermal curves, freezing alloys, structural composition, changes in the solid state and carbon precipitation and its effect on the chrome steels. Weldability of these metals.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

TECHNICAL

Two Year Programs

CHILD CARE STUDIES (Supervisor)

This curriculum is planned for people interested in working as a supervisor in private day care centers, play grounds, camps, nurseries, kindergartens, and child development centers.

Day Care Supervisor (18 Month Program)

The graduate will assist with or operate a day care center which provides for physical care, emotional support and social development of children in groups.

This two year course will provide students with the opportunity to direct children's play, provide food, supervise workers, and manage resources in a nursery school setting. Completion of the program defined as Child Care Assistant is a prerequisite to the supervisor level program.

DAY CARE ASSISTANT		Credits	
		FALL	SPRING
CC 101	Introduction to the Young Child and His World	3	—
CC 151	The Young Child and His World	—	3
CC 141	Health and Care of the Young Child	2	—
CC 171-172	Curriculum of the Young Child	4	5
CC 111	Communication Skills	3	—
CC 181-182	Supervised Student Experiences	5	5
CC 262	Occupational Relationships	—	2
		17	15

DAY CARE SUPERVISOR		CREDITS	
		FALL	SPRING
CC 241	Feeding Children	3	—
CC 251	Advanced Child Care	3	—
CC 252	The Family	—	3
CC 201-202	Child Care Laboratory Supervision	5	5
CC 242	Community Relations	—	3
CC 231-232	Record Keeping	2	3
CC 271	Organization and Administration of Child Care Center	3	—
CC 112	Communication Skills	—	3
		16	17



CC CHILD CARE — Courses

101 Introduction to the Young Child and His World I — 3 credits

A beginning study of child development as it pertains to the pre-school child. A study of the types of centers and schools suitable for young children and of the types of methods which are used with these young children.

111, 112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

141 The Health and Care of the Young Child — 2 credits

Basic nutrition and feeding of children as well as general health and safety education will be covered. Emphasis will be placed on providing a safe, healthful and pleasant life for children.

151 The Young Child and His World — 3 credits

A continuation of the Introduction to the Young Child and His World. Attention will be given to individual differences, and how to handle them as well as to some child psychology.

171 The Curriculum of the Young Child: Experience with Living Things — 4 credits

Introduction to the curricula media suitable for use with young children; this course will include books, stories, music, art, literature, rhythms, dramatic play, experiments and field trips available.

172 The Curriculum of the Young Child: The Child Centered, Society Centered, Subject Matter Centered Curriculum — 5 credits

A continuation of Curriculum of the Young Child I. This course will stress creativity with special emphasis of the development of the young child. Music, art, literature, and symbolic media will be stressed.

181-182 Supervised Student Experiences — 5 credits per semester

Observation and participating in a child center under supervision of a qualified instructor. Three hours daily will be devoted to laboratory participation, observation, and field trips.

201-202 Child Care Laboratory Supervision — 5-5 credits

This course is designed to enable the student to gradually assume responsibility for the total day care operation under supervision and consultation of the instructor.

VOCATIONAL-TECHNICAL SCHOOL Pre-Technical

231-232 Record Keeping — 2-3 credits

A course designed to review business arithmetic and develop accuracy in keeping money, attendance, social security and tax records, necessary in the operation of a business establishment.

241 Feeding Children — 3 credits

The course is designed to help the student plan and prepare nutritious breakfasts, snacks and lunches for a child day care center.

242 Community Relations — 3 credits

A course designed to help students gain an understanding of good working relationships with adults (including parents), community leaders and employers in order to effectively use community resources.

251 Advanced Child Care — 3 credits

A course designed to further student's understanding of the physical, social, emotional and mental development of children from school age to adolescence. (Guidance techniques in handling problems and the dynamics of behavior are considered.)

252 The Family — 3 credits

This course is designed to give the student a basic understanding of the dynamics of family interaction and how children are affected. Ethnic, social and cultural influences are considered.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

271 Organization and Administration of Child Care Centers — 3 credits

This course will enable supervisors to establish management procedures, work with subordinates and superiors, purchase goods and services and develop a procedure for maintaining a sound service or business. Needs of children, agencies and communities will be considered.

PT PRE-TECHNICAL — SEQUENCE

This is a one-semester pre-technical sequence for those students who lack the recommended prerequisite courses deemed necessary to compete, complete and succeed in a regular vocational-technical curriculum, and is offered as a refresher course for those students who have had an excessive period of time elapse since their last formal schooling.

	CREDIT EQUIV.	HOURS PER WEEK
PT-010 Blue Print Reading and Basic Mechanical Drawing	4	14 hours (5 Lec. 9 Lab.)
PT-020 Intro. to Tech. Communications	3	3 hours Lec.
PT-030 Intro. to Tech. Mathematics	4	5 hours Lec.
PT-040 Science Survey	4	5 hours Lec.
PT-050 Technical Orientation	1	3 hours Lec.
Totals	16	30 hours

The above non-credit courses are open to all students entering the technical programs in Boise State College.

The above sequence is offered every semester, as student pressure demands and will allow admittance in the spring as well as the fall semester.

PT PRE-TECHNICAL — Courses

010 Blueprint Reading and Basic Mechanical Drawing — 4 credit equiv.

An introductory course in blueprint reading, sketching and drafting methods and procedures. 14 hours per week-lecture/lab.

020 Introduction to Technical Communications — 3 credit equiv.

A survey course of communication systems, use of technical libraries, forms, reports and technical language, word usage, spelling and proper form emphasized. 3 hours per week-lecture.

030 Introduction to Technical Mathematics — 4 credits equiv.

Survey and review of mathematic principles and methods. Uses of mathematics in technical fields with practical examples of application. 5 hours per week-lecture.

040 Science Survey — 4 credit equiv.

Review of science as related to technical industry with practical problems and applied solutions. 5 hours per week-lecture.

050 Technical Orientation — 1 credit equiv.

A survey course of the technical industry with several field trips and visits from representatives from various concerns that employ technicians. 3 hours per week-lecture.

DRAFTING TECHNOLOGY CURRICULUM

This curriculum is organized to provide engineering departments, government agencies, consulting engineers' and architectural firms with a technician well trained in the necessary basic skills and knowledge of drafting. The student is required to develop and maintain the same standards and techniques used in firms or agencies that employ draftsmen. Credits in this course of study are not counted toward an academic degree. Drafting Technology curriculum is open to both male and female students. All courses are taught each semester, so that students may enter at the beginning of any regular semester.

SUBJECT — FRESHMAN YEAR:		CREDITS	
COURSE NO. AND TITLE		FALL	SPRING
DT-101-102 Drafting Lab and Lecture		4	4
DT-111-112 Communication Skills		3	3
DT-121 Slide Rule		1	—
DT-122 Introduction to Surveying		—	3
DT-131-132 Mathematics		3	3
DT-141-142 Applied Physics		3	3
DT-151 Design Orientation		2	—
		16	16

SOPHOMORE YEAR:			
DT-201-202 Drafting Lab and Lecture		4	4
DT-221 Descriptive Geometry and Developments		3	—
DT-222 Technical Report Writing		—	2
DT-231-232 Applied Mathematics		3	3
DT-241 Statics		3	—
DT-242 Strength of Materials		—	3
DT-251 Manufacturing Processes		1	—
DT-252 Intro. to Computer Programming		—	2
DT-261 Special Projects and Reports		—	2
DT-262 Occupational Relationships		2	—
		16	16

DT DRAFTING TECHNOLOGY — Courses

101 Drafting Laboratory and Lecture — 4 credits

General orientation in use and care of equipment, lettering, drawing layout, mechanical drawing, use of standards and manufacturer's catalogs. 15 clock hours per week.

102 Drafting Laboratory and Lecture — 4 credits

Architectural drafting with instruction in use of standards, specifications, and building codes; perspective and rendering. Prerequisite DT-101. 15 clock hours per week.

111, 112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

121 Slide Rule — 1 credit

Manipulation of slide rule to obtain mathematical proficiency, multiplication and division with application, proportion, principle, squares, square roots, cubes, cube roots and combined operations. Two clock hours per week.

122 Surveying — 3 credits

Introduction to surveying, methods and computation. Required field work, with emphasis on compiling data and office computation, 4 clock hours per week. Prerequisite or corequisite with DT 132.

131 Mathematics — 3 credits

Fundamentals of basic mathematics, algebraic computations, and their application to problems likely to be encountered by the draftsman. Four clock hours per week.

132 Mathematics — 3 credits

Basic trigonometric functions, right triangles, oblique triangles and vectors. The course is closely integrated with the topics studied in science and drafting. Prerequisite DT-131. Four clock hours per week.

141 Applied Physics — 3 credits

A general survey of physics with emphasis placed on principles of mechanics applied to solid particles and to fluids.

142 Applied Physics — 3 credits

Course in the basic principles of heat, sound, light, electricity, and magnetism, correlated with technical mathematics DT-132. Four clock hours per week. Prerequisite: DT-141.

151 Design Orientation — 2 credits

A lecture-laboratory course designed to provide an opportunity for the student to apply theory, principles and methods to the solution of problems typical of those to be encountered in practice. Two clock hours per week.

201 Drafting Laboratory and Lecture — 4 credits

Civil drafting, mapping, highway curves, and earthwork. 15 clock hours per week. Prerequisite: DT 122, DT 132, DT 102.

202 Drafting Laboratory and Lecture — 4 credits

Structural drafting terminology, structural and reinforcing steel specifications and drawing practice. Prerequisite: DT 201, DT 221. 15 clock hours per week.

221 Descriptive Geometry and Development — 3 credits

Theory and practice of coordinate projection applied to the solution of properties of points, lines, planes and solids with practical drafting application. Four clock hours per week.

222 Technical Report Writing — 2 credits

A course to provide an understanding and practice in the processes involved in technical writing and methods of preparing reports based on problems related to the student's curriculum. Two clock hours per week.

231 Applied Mathematics — 3 credits

Solution of practical problems involving concepts from DT 131 and DT 132 Math. Prerequisite: DT 132. Four clock hours per week.

232 Applied Mathematics — 3 credits

Prerequisite: DT 231. Four clock hours per week. Application and expansion of mathematics, statics and strength of materials. Related to lab projects.

241 Statics — 3 credits

Introductory course in statics with emphasis on analysis of simple structures. Four clock hours per week. Prerequisite: DT 132.

242 Strength of Materials — 3 credits

Analysis of stress and strain in torsion, tension, compression and bending; shear and moment diagrams and sectional geometry. Four clock hours per week. Prerequisite: DT 132.

251 Manufacturing Processes — 1 credit

A survey of materials, machine, tools, production methods, and quality control methods. One clock hour per week.

252 Introduction to Computer Programming — 2 credits

This course is designed to give students the general concepts of problem-oriented computer language, including flow charting, coding, and the writing of FORTRAN IV programs. The Boise State College computer facility will be used with the course. Three clock hours per week.

261 Special Projects and Reports — 2 credits

A general survey of the industrial community and the problems, advances and future developments as pertaining to the drafting technician. The application of the draftsman's ability to analyze and solve problems particular to their chosen field of emphasis. Two clock hours per week.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

ET ELECTRONICS — CURRICULUM

The Electronics Technology program provides training for students desiring to enter the field of Electronics, working as team members with engineers in research and development.

Credits in these courses of study are not counted toward an academic degree. The Electronics curricula is open to both men and women students.

FRESHMAN YEAR:

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
ET-101-102 Electronics Laboratory	5	5
ET-111-112 Communication Skills	3	3
ET-131-132 Basic Electronics Math	4	4
ET-141-142 Electronics Science	1	1
ET-171-172 Circuit Analysis	3	3
ET-151-152 Electronics Theory	5	5

18 18

VOCATIONAL TECHNICAL SCHOOL

Food Service

SOPHOMORE YEAR:

ET-201-202	Advanced Electronics Lab.	5	5
ET-231-232	Advanced Electronics Math	3	3
ET-241-242	Advanced Electronics Science	4	4
ET-251-252	Advanced Electronics Theory	2	4
ET-262	Occupational Relationships	2	—
		16	16

ET ELECTRONICS — Courses

101 Electronics Laboratory — 2 credits

Study of basic electricity, color code, test equipment, L.C.R. components, basic vacuum tubes and transistors. Logic circuits as applied to data handling equipment. Ten hours laboratory per week.

102 Electronics Laboratory — 2 credits

A continuation of ET-1-1. Basic radio receiver and transmitter analysis, and basic amplifiers, printed circuit design and processing. Prerequisite: Electronics Laboratory ET-101. Ten hours laboratory per week.

111, 112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

131-132 Basic Electronics Mathematics — 4-4 credits

First semester—Review of basic fundamentals of mathematics, slide rule, algebra, geometry, and basic trigonometry. Second semester—A continuation of first semester, logarithms, slide rule, and an introduction to analytical geometry. Five clock hours per week.

141-142 Electronics Science — 1-1 credits

Designed to instruct the student in practice of drawing schematics, develop good electrical engineering lettering techniques, and understanding symbols, dimensions and designs. Second semester deals with digital computer programming. Two clock hours per week.

151 Electronics Theory — 5 credits

The theory of basic electricity, color code, test equipment, L, C, & R components; transistors, vacuum tubes and an introduction to logic circuits. Five clock hours.

152 Electronics Theory — 5 credits

A continuation of ET 151 with an emphasis placed on the function of the components, studied first semester, into systems in this course. These systems include basic amplifiers, AM receivers and AM transmitters. Five clock hours.

171-172 Circuit Analysis — 3 credits

The study of basic electricity and basic electronics with the emphasis on system and data flow. These two courses stress the analyzing of circuits the student has never seen before and the technical report writing necessary to convey these analysis to prose. Five clock hours.

201-202 Advanced Electronics Laboratory — 5-5 credits

First semester—Consists of practice on F.M. and T.V. receivers, scopes, pulse network, alignment of T.V. and F.M. circuits, pulse, differentiating and integrating circuits, antenna and transmission lines. Second semester—Industrial electronics, computers, transistors, and a continuation of first semester studies. Prerequisite: Electronics Laboratory and Lecture ET-102. Fifteen clock hours per week.

231-232 Advanced Electronics Mathematics—3-3 credits

The student will be concerned with advanced trigonometry, analytical geometry, and introduction to calculus. Prerequisite: Basic Electronics Mathematics ET-132. Five clock hours per week.

241-242 Advanced Electronics Science — 4-4 credits

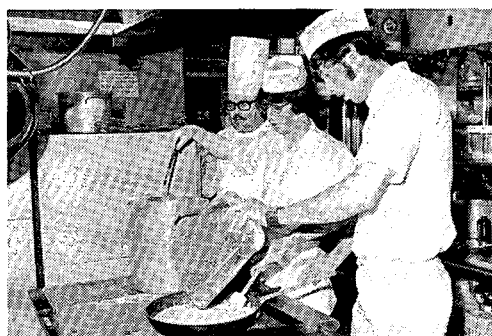
Basic physics as it applies to the electronic technician's needs. This course deals with mechanics, heat, sound, and light. Prerequisite: Electronics Science ET-142. Five clock hours per week.

251-252 Advanced Electronics Theory — 2-4 credits

Fall semester—Covers the fundamentals, of broadband amplifiers, pulse network and techniques, deflection circuits, synchronization circuits and F.M. and T.V. equipment. Spring semester—Covers the theory and design of industrial controls, transistors, servo and syncro principles. Three clock hours per week Fall and five clock hours per week Spring.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.



FT FOOD SERVICE TECHNOLOGY — CURRICULUM

COURSE NO. AND TITLE		CREDITS
FIRST SEMESTER		
FT-151	Food Theory	5
FT-111	Communicative Skills	2
FT-131	Basic Mathematics	2
FT-101	Dining Room Laboratory	6
FT-262	Occupational Relationships	1
		16
SECOND SEMESTER		
FT-141	Basic Nutrition	2
FT-152	Menu Planning	2
FT-132	Kitchen Mathematics	3
FT-121	Purchasing	3
FT-102	Food Preparation Laboratory	6
		16
THIRD SEMESTER		
FT-231	Restaurant Accounting	3
FT-221	Catering	3
FT-201	Baking	3
FT-202	Restaurant Management	5
FT-241	Specialty Cooking	2
		16
FOURTH SEMESTER		
FT-203	Field Work	14
FT-222	Seminar	2
		16

FT FOOD SERVICE TECHNOLOGY — Courses

101 Dining Room Laboratory — 6 credits

This course covers the practical side of handling prepared food, bus and set tables, wait on tables, dining room etiquette, dishwashing room and cashiering. We concentrate on a certain job if student desires one aspect only, such as dishwashing. This course also familiarizes the students with general safety and sanitation rules pertaining to the entire restaurant as those specifically required to use and maintain the equipment in both the dining room and kitchen. Fifteen clock hours per week.

121 Purchasing — 3 credits

The practices of food purchasing, both theory and practical application. Includes storage and handling as well as food standards. This covers proper store room procedures, issuing, and record keeping dealing with vendors and salesmen, and product cutting and testing. Three clock hours per week.

221 Catering — 3 credits

Practical approach to catering food service banquets, covering theory in personnel duties, guarantees, menu pricing, function room profits, forms and controls. Three clock hours per week.

201 Baking Laboratory and Theory — 3 credits

Procedure and formulas used in industry bake shops. Preparation of bakery goods used at Boise Interagency Fire Center mess hall, including: dinner rolls, muffins, Danish pastry, sweet breads, cakes, dessert items both plain and fancy. Six clock hours per week.

202 Restaurant Management — 5 credits

Students are taught the management phase in both the front and back of the house by acting as student chef, purchasing manager, dining room manager and other supervisory jobs for the Boise Interagency Fire Center mess hall. Sixteen clock hours per week.

151 Food Theory — 5 credits

This class is to develop an understanding of the basic principles of cookery; skill and efficiency in preparation of foods; an appreciation of high standards of production, efficient use of time and attractive sanitary service of foods; an appreciation for the care and safe use of utensils and equipment; harmonious and cooperative working habits; and to introduce the student to the use of large quantity equipment and to develop an understanding of the basic principles of cookery and also to gain knowledge of foods and their uses. Ten clock hours per week.

102 Food Preparation Laboratory — 6 credits

This course is designed to correlate the theory of department technical courses with actual large quantity food service practice in situations such as would be found in the food service industry. Twenty clock hours per week.

241 Specialty Cooking Subjects — 2 credits

This includes fine pastry and sugar work, ice carving, layout and interiors, wine course, and marketing. Two clock hours per week.

203 Field Work — 14 credits

Student is placed in restaurant under supervision of Chef. First to observe, then help, and finally do the production job while their paid employee observes. He does every position in the kitchen and/or dining room. Twenty-eight clock hours per week.

222 Seminar — 2 credits

Two clock hours per week.

RELATED SKILLS COURSES

111 Communication Skills — 2 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve

communication issues relevant to his own need and career. This is a nongraded, two credit course designed to maximize personal involvement.

262 Occupational Relationships — 1 credit

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

131 Basic Mathematics — 2 credits

Fundamentals of basic mathematics, fractions, decimals, percents as used in the Hospitality industry. Two clock hours per week.

132 Kitchen Mathematics — 3 credits

A review of fundamental mathematical operations used in a food establishment. Converting and costing standard formulas, baker's scale drill, guest checks, weights and measurements, and business forms. Three clock hours per week.

231 Restaurant Accounting — 3 credits

A study of the function of the profit and loss statement through the use of the balance sheet, income statement, payroll reports, sales income, time cards, records, reports, Federal, State and Social Security taxes, paychecks and figuring percentage of sales. Three clock hours per week.

141 Basic Nutrition and Diet Therapy — 2 credits

Study of fundamentals of nutrition as a factor of menu planning, food preparation and storage. Two clock hours per week.

152 Menu Planning — 2 credits

The characteristics of a good menu, types of menus, the relationship between menu planning and personnel and equipment, sales history and production sheets will be studied to aid the student in writing successful menus. Two clock hours per week.

MM FASHION MERCHANDISING —MID-MANAGEMENT CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Introduction to Business	3	—
Salesmanship	3	—
Clothing	3	—
Business Math/Machines	3	—
Clothing Selection	—	2
Textiles	—	3
Elements of Management	—	3
Principles of Accounting	—	3
Mid-Management Work Experience	—	2
Elective	2	—
	17	16
SOPHOMORE YEAR:		
Introduction to Marketing	3	—
Fashion Analysis and Design	2	—
Professional Speech Communication	2	—
Retail Buying	3	—
Mid-Management Work Experience	2	2
Report Writing	3	—
Principles of Retailing	—	3
Visual Merchandising	—	3
Supervision of Personnel	—	3
Elective	—	5
	15	16
		159

MM MARKETING — MID-MANAGEMENT — CURRICULUM

	1ST SEM.	2ND SEM.
FRESHMAN YEAR:		
English Composition	3	3
Introduction to Business	3	—
Business Mathematics/Machines	—	3
Salesmanship	3	—
Principles of Accounting	—	3
Merchandise Analysis	—	3
Mid-Management Work Experience	2	2
Elements of Management	3	—
Professional Speech Communication	2	—
Elective	—	2
	16	16

	1ST SEM.	2ND SEM.
SOPHOMORE YEAR:		
Introduction to Marketing	3	—
Principles of Retailing	—	3
Principles of Economics	3	—
Visual Merchandising	—	3
Report Writing	3	—
Supervision of Personnel	—	3
Retail Buying	3	—
Credit and Collections	—	2
Mid-Management Work Experience	2	2
Elective	2	3
	16	16

MM MARKETING, MID-MANAGEMENT—Courses

Course offerings are described in Part IV.

VOCATIONAL

One Year Programs

AB AUTO BODY — CURRICULUM

11 Month Program

The Auto Body curriculum is designed to provide the student with the background necessary for employment in a shop repairing damaged automobiles. Basic laboratory practices of restoring vehicles to their original design, structure and finish are covered in this course. Some basic glasswork and frame alignment work are also covered. The student is given the opportunity to work on a variety of repair jobs in the shop, and to spend time in the parts and tool room. This training provides students with the necessary skills and knowledge for employment in the Auto Body Trade and closely allied crafts. Credits in this course of study are not counted toward an academic degree.

SUBJECT COURSE NO. AND TITLE	FALL	SPRING	SUMMER
AB-121-122-123 Auto Body Lab	10	10	7
AB-141-142-143 Auto Body Theory	7	5	5
AB-262 Occupational Relationships	—	2	—
	17	17	12

AB AUTO BODY — Courses

121-122-123 Auto Body Laboratory — 10-10-7 credits

The purpose of these courses is to develop and give practice in the skills needed by an auto body repairman. Subjects covered include the following: orientation, safety rules, shop house-keeping, oxy-acetylene welding, painting fundamentals, metal working and shrinking, plastic and lead body filling, advanced painting processes, frame alignment, glass and panel replacement. 25 hours laboratory per week.

141-142-143 Auto Body Theory — 7-5-5 credits

This course correlates with the auto body laboratory course. The theory of auto body repair and painting is covered. Mathematics and science necessary for and related to the trade are taught. 10 hours lecture summer and fall. 8 hours lecture spring per week.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

AM AUTO MECHANICS—CURRICULUM

11 Month Program

The modern developments in our enormous automotive industry demand the employment of highly skilled mechanics, well-trained in maintenance and repair techniques. This course provides the basic background and experience necessary for employment in the automotive mechanics field and allied vocations. Credit in this course of study are not counted toward an academic degree.

SUBJECT COURSE NO. AND TITLE	FALL	SPRING	SUMMER
AM-101-102-103 Automobile Lab	10	10	7
AM-151-152-153 Automotive Theory	5	7	5
AM-262 Occupational Relationships	2	—	—
	17	17	12

AM AUTO MECHANICS—Courses

101 Automotive Laboratory — 10 credits

This course correlates with the Automotive Theory course No. 151. In this phase of the automotive course the student is instructed in the overhauling and repairing of the engine and all internal parts. This phase of the training is on live work which gives the students the advantage of learning under actual working conditions they will encounter in the field. Checking and repairing steering suspension, and wheel alignment is also included. Shop safety, cleanliness, and management are taught 25 hours per week.

102 Automotive Laboratory — 10 credits

This course correlates with Automotive Theory AM 152. It is designed to train students in testing and repairing all electrical system. The fuel system and carburetion are covered as well as the ignition system. This includes step by step procedure in automotive tune-up test equipment. This phase of training is mostly live work. 25 hours per week.

103 Automotive Laboratory — 7 credits

This course correlates with Automotive Theory course AM 153. Shop practice in automobile powertrains and brake systems. Includes garage practices, experiments, troubleshooting, proper diagnosis and repair of units in the shop on mockup units and live work on automobiles. Includes practice, care and safety of special equipment, machines and service tools. Shop safety, cleanliness and management are covered. 25 hours per week.

151 Automotive Theory — 5 credits

The theory of the design, construction, maintenance and repair of automotive engines and fuel systems are studied in detail through the use of textbooks, manuals, visual aids, and lectures. 10 hours per week Spring and Summer. 8 hours per week Fall.

152 Automotive Theory — 5 credits

This course relates the construction and operation of each of the subjects given in the laboratory course AM 102. 10 hours per week Spring and Summer. 8 hours per week Fall.

153 Automotive Theory — 5 credits

Classroom study of the theory of the design, construction purpose and repair of the powertrain and brake systems by discussion, lecture, textbooks, visual aids and manufacturers' manuals and pamphlets. 10 hours lecture Summer and Spring, 8 hours lecture Fall per week.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

CHILD CARE STUDIES (Assistant)

9 Month Program

This curriculum is planned for people interested in working with children as an assistant in private, play grounds, camps, day care centers, nurseries, kindergartens, and child development centers.

Child Care Assistant (9 Month Program)

The graduate will be able to function effectively under supervision in caring for children's normal physical, emotional and social needs in group care centers, children's homes, hospitals, nurseries, and industry. This 9 month course will provide study of child growth, ways of working with children - infants, toddlers, and school age children and laboratory experience in a nursery school setting.

Entrance Requirements

Personal interest, interview, and aptitude testing.

DAY CARE ASSISTANT		CREDITS	
		FALL	SPRING
CC-101	Introduction to the Young Child and His World	3	—
CC-141	Health and Care of the Young Child I	2	—
CC-171-172	Curriculum of the Young Child	4	5
CC-111	Communication Skills	3	—
CC-181-182	Supervised Student Experiences I, II	5	5
CC-151	The Young Child and His World	—	3
CC-262	Occupational Relationships	—	2
		17	15

CC CHILD CARE STUDIES (Assistant)

Child Care Studies (Assistant) courses are described under Vocational Two-Year Programs.

DA DENTAL ASSISTANT—CURRICULUM

9 Month Program

The Dental Assisting Program consists of Dental Assistant Theory, Dental Laboratory instruction and Clinical Experience. Boise State College works with the Dental Advisory Board in planning and promoting the program and curriculum. Changes may be made at any time to take advantage of advances in the Dental profession.

Entrance requirements: High School Diploma or Equivalency Certificate, acceptable scores on the G.A.T.B., personal interview and aptitude testing. Typing is a prerequisite. The dental assistance courses are taught by a dentist and a dental assistant instructor.

This is an accredited program by the Council on Dental Education and the American Dental Assistant Association. Students are eligible to take the Certification Examination upon completion of the course.

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
DA-101-102 Dental Laboratory	4	3
DA-106 Dental Assisting Clinical Experience	—	3
DA-108 Dental Office Management	2	—
DA-109 Public Health and Dental Hygiene	2	—
DA-111-112 Communication Skills	3	3
DA-151-152 Dental Theory	4	3
DA-262 Occupational Relationships	—	2
SP-111 Fundamentals of Speech	3	—
PE-105 First Aid (Elective)	3	—
		21 14

DA DENTAL ASSISTING — Courses

101-102 Dental Laboratory — 4-3 credits

This course consists of practical laboratory training in manipulation of dental materials, instrumentation, sterili-



VOCATIONAL TECHNICAL SCHOOL

Heavy Duty Mechanics, Office Occupations, Operating Room Technology

zing and care, pouring and trimming study models, custom trays, investing and casting, use of equipment and safety, and exposing and processing dental X-rays. Taken concurrently with DA 151-152. Fourteen clock hours per fall semester. Six clock hours spring semester.

106 Dental Assisting Clinical Experience — 3 credits

Supervised chairside assisting experience in the private dental offices and hospital dental clinics. Sixteen clock hours per week.

108 Dental Office Management — 2 credits

The fundamentals of business practices as related to dentistry including bookkeeping, appointment control, supply control, business correspondence, as well as credit and collection procedures. Two clock hours per week.

109 Public Health and Dental Hygiene — 2 credits

This course deals with phases of health in which the student can aid in conserving the general and dental health of herself, her family and the community. It is concerned with such subjects as Federal and State Health Departments, preventive dentistry, communicable disease, degenerative disease, diet and nutrition, mental health and general health information. Two clock hours per week.

111, 112 Communication Skills — 3 credits

To manage symbols and discover meaning, candidly, clearly, and exactly is the performance objective of Communication Skills. As trainee, worker, citizen and human being, regardless of preparation and background, each student is provided opportunity through individual and group projects to identify and resolve communication issues relevant to his own need and career. This is a nongraded, two semester credit course designed to maximize personal involvement.

151-152 Dental Theory — 4-3 credits

Comprehensive introduction to basic theory relating to dental assisting. The course includes lecture time in ethics, professional relationships, patient education, dental anatomy, terminology, charting, related sciences, and dental specialty fields. Taken concurrently with DA 101-102. Seven clock hours per week Fall semester, six clock hours per week Spring semester.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

DM HEAVY DUTY MECHANICS — DIESEL

11 Month Program

This program is designed to prepare students for employment as heavy duty mechanics in the trucking industry. Instruction will cover basics in design and fundamentals of operation of diesel and heavy duty gasoline engines as well as the other component parts of the truck. Instruction will be on mock-ups and live work in the shop.

SUBJECT

COURSE NO. AND TITLE	FALL	SPRING	SUMMER
DM-101, 102, 103 Diesel Lab	10	10	10
DM-151, 152, 153 Diesel Theory	5	5	5
DM-262 Occupational Relationships	—	2	—
	15	17	15

DM HEAVY DUTY MECHANICS — DIESEL — Courses

101-102-103 Diesel Laboratory — 10-10-10 credits

This course provides the laboratory application of principles covered in the theory class. Basic instruction will be on mock-ups and shop units but most experience will be in making actual repairs to live units.

151-152-153 Diesel Theory — 5-5-5 credits

A study of the design, construction, maintenance and repair of trucks and diesel and heavy duty gasoline engines. Shop safety, care and use of tools, internal combustion engines, transmissions and power trains, cooling systems, fuel systems, electrical systems, suspension and hydraulic and air brakes will be studied.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

OF OFFICE OCCUPATIONS

Open Entry — Open Exit

The Office Occupations curriculum is designed to assist the student to progress on an individualized basis to employment in one or more of the various classifications of office occupations. The length of the course will depend upon the individual's goals and abilities. A certificate will be awarded upon completion of the course.

Admission:

Entrance requirements: All Boise State College admissions requirements must be met. The General Aptitude Test Battery (GATB) score must be on file in vocational counseling office. A personal interview is required by a vocational counselor at the School of Vocational Technical Education before admission.

Classroom work includes instruction in typewriting, stenography, business communications, business mathematics and machines, machine transcription, filing, accounts receivable, accounts payable, bookkeeping, payroll accounting, office practice, vocabulary and spelling, employment search. There are various levels of these courses available. The student may be a beginner or an advanced clerical trainee; therefore, there will be a variation of training time. The course curriculum is selected to meet the requirements of the individual's goals and abilities.

OR OPERATING ROOM TECHNOLOGY

9 Month Program

The Operating Room Technology Program, in cooperation with St. Alphonsus Hospital is approximately nine months in length and consists of daily practice in surgery and classroom instruction. A certificate will be awarded upon graduation from the course. Students are then eligible to take a certifying exam, which if passed, qualifies them as Certified Operating Room Technicians recognized by the Association of Operating Room Technicians and the Association of Operating Room Nurses and the American College of Surgeons.

Admission:

Entrance requirements: High School graduation or passing the General Educational Development Test.

Satisfactory scores on the General Aptitude Test Battery. These tests are given at the Department of Employment and Boise State College respectively. A complete medical and dental examination is required. A personal interview with the instructor is necessary before admission. An advisory board recommends dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in basic sciences of anatomy and physiology, microbiology, sterilization, aseptic technique, instruction in the needs of humans in surgery, with emphasis on the operating room technician's part in meeting these needs.

Clinical experience consists of supervised hospital surgical experience in the operating room in all phases of surgery. Students are taken on field trips to specific health agencies in the community.

PC PARTS COUNTERMAN

9 Month Program

The Counterman Program is designed to familiarize the student with all phases of the Automotive parts business. A study of index systems, types of invoices, customer relations, refunding, refunding procedures and warranty adjustments will be covered. Emphasis and training on the use of catalogs, price sheets, and other related forms used in the parts industry are considered.

SUBJECT COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
PC-101-102 Parts Counterman Lab	10	10
PC-151-152 Parts Counterman Theory	5	5
PC-131 Related Basic Mathematics	2	—
PC-262 Occupational Relationships	—	2
	17	17

PC PARTS COUNTERMAN — Courses

101-102 Automotive Parts Laboratory — 10 - 10 credits

In the laboratory experience, the student will gain full understanding of the organization of a parts store. A "mock store" is established and operated on campus in conjunction with the Automotive Mechanics and Auto Body Programs. The Lab experience includes training for each particular type of dealership and jobber operation.

151-152 Automotive Parts Theory — 5 - 5 credits

Through the use of catalogs, manuals, visual aids and class lectures, theory and application of procedures are studied. New methods such as microfilm readers are used in the theory portion of the class.

131 Related Basic Mathematics — 2 credits

Basic arithmetic and a study of fractions, decimals and percentages are covered. Micrometer readings to ten one-thousandths of an inch are taught. The different types of discounting are fully covered.

262 Occupational Relationships — 2 credits

Techniques of obtaining employment. Relationships among workers and supervisors. Resolution of human relationship issues of shop and office. One semester, nongraded, credit course.

PN PRACTICAL NURSING PROGRAM

12 Month Program

The practical nursing program, in cooperation with three hospitals, two nursing homes, the Idaho State School and Hospital and the State Board for Vocational Education, is approximately one calendar year in length and consists of daily hospital nursing experiences and classroom instruction. A certificate is awarded upon graduation from the course. Students are then eligible to take the state licensing examination, which, if passed, qualifies them as Licensed Practical Nurses.

Admission:

Entrance requirements: High school graduation or passing the General Educational Development Test. Satisfactory scores on the General Aptitude Test Battery and a pre-entrance test, which are given by the Department of Employment and Boise State College respectively. A complete medical and dental examination is required. The selection Committee recommends to the director candidates for the program after a personal interview. They also recommend dismissal of students not performing in a satisfactory manner.

Classroom work includes instruction in the needs of humans in health and in sickness, with emphasis on the practical nurses' part in meeting these needs.

Clinical experience consists of supervised hospital nursing experience in caring for patients with medically and surgically treated conditions, caring for sick children, new mothers and infants. Students are taken on field trips to specific health agencies in the community.



W BASIC WELDING—CURRICULUM

9 Month Program

The welding curriculum is designed to provide the student with usable skills and should qualify him for employment as a production welder. Some students may desire to terminate their training at this point. The second year of the program will provide advanced training in layout and a better understanding of the properties of metals as well as advanced techniques and processes that are in demand in industry. The course of study may be altered to keep abreast of new welding procedures and advancements in industry.

FRESHMAN YEAR:

COURSE NO. AND TITLE	CREDITS	
	FALL	SPRING
W 101-102 Welding Lab	8	8
W 111 Communication Skills	3	—
W 131-132 Related Basic Math	3	3
W 151-152 Welding Theory	2	2
W 262 Occupational Relationships	—	2
	16	15

W BASIC WELDING — Courses

Basic Welding courses are described under Vocational Two-Year Programs. See page 154.

PRE-VOCATIONAL TRAINING

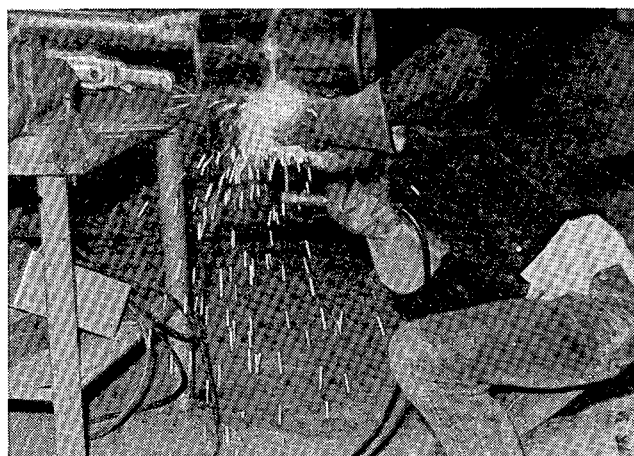
Pre-vocational education for vocational students or adults who have not completed high school is offered through the Vocational Technical School. The courses include adult basic education, preparation for the high school equivalency certificate, adult guided studies, and approved high school courses in American Government, Mathematics, English, Social Studies and Natural Science. Classes are determined according to individual needs of the students. Classes are approved by the State of Idaho and for veterans qualifying under Chapter 34, Title 38, U.S.C. (Var 14253 A2).

A special guided studies program for adults has been developed to help upgrade skills, to help adults prepare for better jobs and to prepare for or further vocational training.

PATROLMAN (Government Service)

Under the Manpower Development Training Act this course is carried on at the Mountain Home Air Force Base. It is limited to servicemen about to be discharged. Selection of students is made by the Department of Employment.

Instruction is conducted by persons trained in police work. The basic fundamentals of police duties and functions are covered by the course.



APPRENTICESHIP AND TRADE EXTENSION

Through cooperative arrangements with the State Board for Vocational Education, Boise State College Vocational Technical Division sponsors a wide range of trade extension training for beginning, apprentice and journeyman workers. Such courses are designed to meet the specific needs of industry, labor, agriculture, and government. Classes usually meet in the evening. Flexibility of scheduling, content, place of meeting is maintained in order to meet the growing educational needs of the community. Typically, though not invariably, such courses provide related technical training for those workmen receiving on-the-job instruction in such vocations as Sheetmetal, Carpentry, Plumbing, Welding, Electricity, Electronics, Typing, Grocery Checking, Automotives, Nursing and Farming.

Information concerning admission requirements, costs, dates, etc., may be obtained from Boise State College School of Vocational-Technical Education.

ADULT BASIC EDUCATION — No Credit

This program offers classes in basic arithmetic, reading, English and speaking skills for people who are performing below a twelfth grade academic level. Preparation for United States citizenship, beginning reading for adults, and English as a second language for non-English speaking people are offered through the Adult Education Program.

HIGH SCHOOL EQUIVALENCY (GED PREPARATION) — No Credit

The High School Equivalency Program is a course designed for people who are performing below a twelfth grade academic level. This program is designed to help people prepare for their high school Equivalency Test (GED).

Boise State Full-Time Faculty

January, 1974

(The date in parentheses is the year of first appointment)

A

- LOUISE ACKLEY, *Assistant Professor of English* (1969)
A.B., Northwest Nazarene College; M.A., University of Washington.
- DOROTHY ALBERTSON, *Associate Professor of Office Administration* (1953)
B.S. (Ed.), University of Nebraska; M.A., College of Idaho; State University College of Plattsburg, New York; University of Idaho; University of Denver.
- JOHN W. ALLEN, *Assistant Professor of Physics* (1971)
B.A., Willamette University; M.A., Ph.D., Harvard University.
- ROGER H. ALLEN, *Associate Professor of Business Administration* (1966)
A.A., Boise Junior College; B.S., University of Nevada; M.B.A., Northwestern University.
- ROBERT M. ANDERSON, *Assistant Professor of Mathematics* (1970)
B.S., Utah State University; Ph.D., Michigan State University.
- DAVID C. ANDRESEN, *Assistant Professor; Acquisitions Librarian*
B.A., M.A., M.L.S., University of Washington.
..... (1971)
- JAMES K. APPLGATE, *Assistant Professor of Geology* ... (1973)
Geophysical Engineer, M.S., Colorado School of Mines.
- CARLOS ARREOLA, *Instructor, Psychometrist, Counseling, Guidance, and Testing Center* (1973)
B.A., M.Ed., University of Texas at El Paso.
- E. BARRY ASMUS, *Assistant Professor of Economics* (1971)
B.S., M.S., Colorado State University; Ph. D., Montana State University.
- JOHN B. BALDWIN, *Assistant Professor of Music* (1971)
B.M.E., M.M.E., Wichita State University; Ph.D., Michigan State University.
- RICHARD C. BANKS, *Associate Professor of Chemistry* ... (1968)
B.S., College of Idaho; Ph.D., Oregon State University.
- JOHN B. BARNES, *Professor of Education, President* (1967)
B.A., M.A., University of Denver, Ed.D., University of Wyoming.
- GWYNN BARRETT, *Associate Professor of History* (1968)
B.S., Utah State University; M.A., University of Hawaii; Ph.D., Brigham Young University.
- WYLLA BARNES, *Associate Professor of Psychology* ... (1968)
A.B., William Jewell College; M.S., Montana State University; Ph.D., University of Minnesota.
- KATHRYN I. BECK, *Assistant Professor of Social Work*, .. (1972)
B.A., Washington State University; M.S.W., Florida State University.
- ROGER L. BEDARD, *Instructor in Theatre Arts* (1973)
B.A., University of Northern Iowa; M.F.A., University of Oregon.
- JOHN L. BEITIA, *Associate Professor of Education* (1970)
A.A., Boise Junior College; B.S., North Dakota State College; M.A., Idaho State University; Ed.D., Utah State University.
- H. WILLIAM BELKNAP, *Associate Professor of Biology* ... (1959)
B.A., College of Idaho; M.S., Louisiana State University; Arizona State University; University of Oregon.
- HERBERT K. BELL, Jr., *Associate Professor of Accounting* (1970)
J.D., University of Louisville; M.B.A., U.S. Air Force Institute of Technology; C.P.A.; University of Maryland; Midwestern University.
- JOHN H. BEST, *Professor of Music* (1947)
B.S., University of Idaho; M.A., Colorado State College of Education; Cello Pupil of Elias Trustman and Joseph Wetzels; Composition and Theory Pupil of J. DeForest Cline and Henry Trustman Ginsburg; Suzuki Institute and Toho School, Japan.

B

- STEVEN F. BAGGERLY, *Instructor in Machine Shop* (1968)
Diploma, Boise Junior College.
- CHARLES W. BAKER, *Associate Professor of Biology* (1968)
B.S., M.S., University of Nevada; Ph.D., Oregon State University.
- RICHARD BAKER, *Assistant Professor of Sociology* (1973)
B.A., M.A., University of Wyoming; Ph.D., Washington State University.
- CAROL JEAN BETTIS, *Assistant Professor, Assistant Librarian* (1970)
B.S. in Chemistry, A.M.L.S., University of Michigan.
- JOHN PATRICK BIETER, *Associate Professor of Teacher Education and Library Science* (1969)
B.A., St. Thomas College; M.A., University of California at Berkeley; Ed.D., University of Idaho.
- DONALD B. BILLINGS, *Associate Professor of Economics* (1972)
B.A., San Diego State College; M.A., Ph.D., University of Oregon.

BOISE STATE UNIVERSITY

Faculty

ROBERT R. BOREN, *Professor of Communication;*
Chairman, Department of Communication (1971)
 B.A., M.A., Brigham Young University; Ph.D., Purdue.

KAREN J. BOUNDS, *Assistant Professor of Business* (1973)
 B.S.Ed., University of Alabama; M.Ed., University of North
 Carolina; Ed.D., North Texas State University.

BILL C. BOWMAN, *Associate Professor of Physical*
Education (1969)
 B.A., Southern Idaho College of Education; M.Ed., University
 of Oregon; Ed.D., Brigham Young University.

PHYLLIS E. BOWMAN, *Assistant Professor of Physical*
Education (1970)
 B.S., Utah State University; M.A., Brigham Young University;
 Weber State.

DALE BOYER, *Associate Professor of English* (1968)
 B.A., M.A., University of Oregon; Ph.D., University of
 Missouri.

RICHARD F. BOYLAN, *Assistant Professor of*
Communication (1971)
 B.A., University of Arizona, M.A., Ph.D., University of Iowa.

JEAN BOYLES, *Assistant Professor of Physical*
Education (1949-57, 1962, 1969)
 A.B., University of California; M.S., University of Colorado.

BRYCE T. BRADLEY, *Assistant Professor of*
Accounting (1970)
 B.S., Idaho State University; M.B.A., University of Utah;
 C.P.A., Golden State College, University of Nebraska.

C. GRIFFITH BRATT, *Professor of Music, Composer*
Artist-in-Residence (1946)
 Artist's Diploma in Organ, Mus.M., Harmony Teacher's
 Certificate, Church Organist's Certificate; Peabody
 Conservatory of Music, Baltimore, Md., Johns Hopkins
 University; University of Baltimore; University of Utah;
 A.A.G.O., Mus. Doc., Northwest Nazarene College.

J. WALLIS BRATT, *Assistant Professor in Music* (1970)
 B.M., University of Idaho; M.M., University of Utah.

SUSAN I. BRENDER, *Assistant Professor of Office*
Administration (1969)
 B.S.C., M.A.; Ph.D., University of Iowa.

PHOEBE L. BRYANT, *Associate Professor of History* (1966)
 B.S., M.S., Drake University.

JAMES R. BUCHANAN, *Assistant Professor of Welding* ... (1959)
 Heli-arc School of Welding for Bechtel Corporation, San
 Francisco; Heli-arc School, Atomic Energy Commission,
 Arco, Idaho, and Paducah, Kentucky; Vocational Education,
 National Defense, Boise; Boise Junior College; Idaho State
 College.

RICHARD E. BULLINGTON, *Professor of Education,*
Executive Vice President (1968)
 B.S., Rutgers, M.A., Ed.D., University of Alabama.

RALPH BURKEY, *Instructor in Drafting Technology* (1973)
 Chicago Technical College; Wright Junior College; Iowa State
 University; Indian Hills Community College.

ORVIS C. BURMASTER, *Assistant Professor of English* ... (1968)
 B.S., Montana State College; M.A., University of Montana;
 South Dakota State College, Utah State College.

CLARA P. BURTCH, *Assistant Professor of Teacher*
Education and Library Science (1969)
 B.A., M.A., College of Idaho.

C

MAXIMO J. CALLAO, *Assistant Professor of Psychology,*
Counselor (1971)
 B.A., San Jose State College, M.S.Ed., Ph.D., Purdue
 University, University of Hawaii.

ERMA M. CALLIES, *Instructor Vocational Counselor* (1969)
 B.S., South Dakota University.

R. RUSSELL CAMPBELL, *Associate Professor of*
Physics (1970)
 B.S., University of Washington, M.A., Ph.D., University of
 California, Irvine.

WILLIAM J. CARSON, *Associate Professor of*
Accounting (1963)
 B.S., University of Notre Dame; M.B.A., University of Denver;
 University of Wyoming.

LOREN S. CARTER, *Associate Professor of Chemistry* (1970)
 B.S., M.S., Oregon State University; Ph.D., Washington State
 University.

JOHN A. CAYLOR, *Professor of History* (1965)
 A.B., Nebraska Teacher's College; M.A., Ph.D., University of
 Nebraska.

TOBY CEDAR, *Assistant Professor of*
Political Science (1973)
 A.B., Wayne State University; M.P.A., University of Michigan;
 Ph.D., Wayne State University.

RUSSELL CENTANNI, *Assistant Professor of Biology* (1973)
 B.S., M.S., John Carroll University; Ph.D., University of
 Montana.

WILLA M. CHAFFEE, *Instructor in Practical Nurses*
Training (1967)
 R.N., St. Lukes Hospital; University of Colorado.

ACEL H. CHATBURN, *Professor of Education* (1944)
 B.A., College of Idaho; University of Idaho; M.A., University
 of Colorado; Ed.D., Washington State University; University of
 California at Berkeley.

WAYNE CHATTERTON, *Professor of English* (1968)
 B.S., M.A., Brigham Young University; Ph.D., University of
 Utah.

JAMES LEE CHRISTENSEN, *Associate Professor of*
Sociology (1970)
 B.S., Brigham Young University; M.A., University of Wyoming;
 Ph.D., University of Utah.

MARVIN CLARK, *Professor of Business Education;*
Chairman, Department of Business
Education & Office Administration (1969)
 B.S., St. Cloud State College; M.A., Ph.D., University of
 Minnesota.

MICHAEL E. CLEVELAND, *Assistant Professor of*
Music (1970)
 B.A., San Jose State College; M.M., D.M.A., University of
 Oregon.

MARGARET A. COCOTIS, *Assistant Professor of*
English (1968)
 B.S., Portland State College; M.A., Reed College; Oregon State
 College.

BOISE STATE UNIVERSITY
Faculty

DEWEY H. COFIELD, *Assistant Professor of Electronics* . . . (1961)
University of Idaho; Idaho State College.

JUDITH A. COLTRIN, *Instructor; Supervisor of
Directed Practice, Medical Record Technician* (1972)
B.S., College of St. Mary.

CECILIA (TRUDY) Y. COMBA, *Assistant Professor of
Teacher Education* (1970)
B.E., Duquesne University; M.Ed., University of Arizona;
Ph.D., University of Oregon.

DORAN L. CONNOR, *Assistant Professor of Physical
Education, Head Basketball Coach* (1969)
B.A., Idaho State University; M.S., Utah State University.

GENE COOPER, *Professor of Physical Education;
Chairman, Department of Physical Education* (1967)
B.S., M.S., D.Ed., University of Utah.

DELBERT F. CORBETT, *Assistant Professor of Theatre
Arts* (1969)
B.A., M.F.A., University of Portland.

A. ROBERT CORBIN, *Assistant Professor of Sociology* (1967)
B.A., Blackburn College; M.A., University of Washington;
Th.M., Iliff School of Theology.

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Education* (1969)
B.A., Wartburg College; M.A., Colorado State College; Ed.D.,
Arizona State University.

PATRICIA CORRELL, *Instructor in Vocational-Technical
Education* (1973)
B.S., Washington State University.

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B.A., San Diego State College; M.A., University of California at
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DAVID E. CRANE, *Head Catalog Librarian,
Assistant Professor* (1969)
B.A., California State University at San Francisco; M.A.,
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MARTHA CRUMPACKER, *Assistant Professor of
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B.A., Boise State College; M.S., Oregon State University.

BILL DARRELL CURTIS, *Instructor in Auto Body* (1967)
Diploma, Boise Junior College.

ELIZABETH M. CURTIS, *Instructor in Operating
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Diploma, Kansas City General Hospital, School of Nursing.

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B.A., Pacific Lutheran University; M.A., Lewis & Clark College,
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NORMAN F. DAHM, *Professor of Engineering* (1953)
B.S., M.Ed., University of Colorado; Agricultural and
Mechanical College of Texas; University of Washington;
Bucknell University.

JACK L. DALTON, *Professor of Chemistry; Chairman,
Department of Chemistry* (1958)
B.S., Nebraska State Teachers College; M.S., Kansas State
University of Agriculture and Applied Science; Kansas State
College, Oregon State University.

A. JERRY DAVIS, *Coordinator High School &
College Relations, Assistant Professor* (1968)
B.Th., Northwest Christian College; B.A., Drake University;
M.Ed., Utah State University.

CHARLES GEORGE DAVIS, *Professor of English;
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B.A., Middlebury College; M.A., University of California,
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ANNE N. DE LAURIER, *Counselor, Assistant Professor* . . . (1967)
B.A., The College of Idaho; M.S., University of Oregon, Ohio
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JAMES B. DEMOUX, *Instructor in Communication* (1971)
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B.A., Ball State University; M.S., Ph.D., Purdue.

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Political Science* (1973)
B.S., M.A., Central Michigan University; Ph.D., Miami
University.

PATRICIA M. DORMAN, *Professor of Sociology; Chairman,
Department of Societal and Urban Studies* (1967)
B.S., M.S., Ph.D., University of Utah.

JAMES G. DOSS, *Assistant Professor of Management;
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B.S., University of California; M.S., The George Washington
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JAMES D. DOUGLASS, Jr., *Instructor in Art* (1972)
B.S., Western Michigan University; M.F.A., Cranbrook
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ROBERT DOWNES, *Assistant Professor of Nursing* (1972)
B.S., Walla Walla College; M.N., University of Washington.

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E

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B.A., Librarianship; University of Washington; B.S., (Zoology), University of Washington; Washington State University, Drexel Institute of Technology.

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F

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B.S.N., University of Nebraska College of Medicine; M.S.N., Montana State University.

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ALBERT J. FUEHRER, *Instructor in Auto Mechanics* (1965)
Northwest Nazarene College; Idaho State University; Specialized Automotive Training, United Motor Service, Tigard, Oregon; Allen Tune-up School, Sun Tune-up School, Carter Carburetor Specialized training class; Rochester Specialized training class.

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G

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EDWARD K. GILL, *Associate Professor of Finance* (1971)
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CURTIS C. GRAHAM, *Professor of Accounting, Chairman, Department of Accounting and Data Processing* (1971)
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Lewiston Business College.

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B.A., Rhode Island College.

CLAYTON W. HAHN, *Associate Professor of Engineering* (1948-52, 1963)
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Special Training in Office Machine Repair.

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B.S., Julliard School; M.A., State University of Iowa; Washington State University.

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B.M., M.S., The Julliard School; H.Doc. in Performing Arts, Sheffield, England.

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GUY LAMONT HUNT, *Associate Professor of Teacher Education; Dean of Admissions and Records* (1970)
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GAIL ISON, *Associate Professor of Psychology* (1970)
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J

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DONALD S. JONES, *Instructor in Vocational-Technical Education* (1970)
Service Schools of Smith Corona, Olivetti Underwood, Olympia Electric, Glidden Paint Sales.

LEO E. JONES, *Assistant Professor of Biology* (1972)
B.A., Chico State College; Ph.D., Oregon State University.

WILLIAM A. JONES, *Assistant Professor of Physical Education* (1965)
B.A., Boise College; M.S., Utah State University.

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B.S., University of Oregon; M.S., Ph.D., Michigan State University.

K

FRANCIS E. KELLER, *Associate Professor of Business* (1967)
B.S., Seattle University; M.S., University of Idaho; Ph.D., Montana State University; M.B.A., Boise State College.

MARY LOUISE KELLER, *Assistant Professor of Nursing* .. (1959)
B.S.N., Northwest Nazarene College; University of Washington; University of California at Los Angeles, University of California, San Francisco.

FENTON C. KELLEY, *Assistant Professor of Zoology* (1969)
B.S., M.S., University of New Mexico; Ph.D., University of California at Berkeley.

DORIS KELLY, *Associate Professor of Nursing* (1958)
Diploma, Cook County School of Nursing; B.A., University of Denver; M.N., University of Washington.

CHARLES R. KERR, *Associate Professor of Mathematics* .. (1969)
B.A., Washington State University; M.A., Ph.D., University of British Columbia.

JOHN H. KILLMASTER, *Assistant Professor of Art* (1970)
B.A., Hope College; M.F.A., Cranbrook Academy of Art; Universidad de Guana Juato, Mexico; Northern Michigan University; Michigan State University.

WILLIAM F. KIRTLAND, *Associate Professor of Teacher Education and Library Science* (1969)
Director of Reading Center; B.S., M.A., Bemidji State College Ed.D., Arizona State University.

ANTHONY J. KNAP, *Head Football Coach* (1968)
B.S., M.S., University of Idaho; San Francisco State College; Marquette University; Milwaukee; University of California at Berkeley.

LEO L. KNOWLTON, *Associate Professor of Marketing* (1965)
B.S., M.S., University of Idaho; University of Oregon.

ALFRED KOBER, *Assistant Professor of Art* (1968)
B.S., M.S., Fort Hayes Kansas State College.

NOEL KRIGBAUM, *Assistant Professor of Vocational-Technical Education* (1955)
Electricians School, Navy; Idaho State University; Boise Junior College.

RAGHURAJ KUMAR, *Assistant Professor of Communication* (1973)
B.S., St. John's College; M.S., Agra College, B.Ed., Government Central Pedagogical Institute; M.A., Kent State University.

L

ELLIS LAMBORN, *Professor of Economics; Chairman Department of Economics* (1968)
B.S., Utah State University; M.S., University of Illinois; Ph.D., Cornell University; University of California.

MAX LAMBORN, *Instructor in Vocational-Technical Education* (1972)

DANIEL GODLIEB LAMET, *Associate Professor of Mathematics* (1970)
B.S., University of Michigan; M.A., Ph.D., University of Oregon.

RICHARD C. LANE, *Assistant Professor of General Business* (1969)
B.S., M.S., Kansas State College; University of Missouri.

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Philco Corp., N.A.S.A. Manned Space Program, Boeing Corporation.

CHARLES E. LAUTERBACH, *Associate Professor of Theatre Arts* (1971)
B.A., M.A., University of Colorado; Ph.D., Michigan State University.

RICHARD V. LEAHY, *Assistant Professor of English* (1971)
B.S., University of San Francisco; M.A., University of Iowa; Ph.D., University of California, Davis.

JOHN C. LEIGH, JR., *Instructor in Drafting* (1971)
Los Angeles Junior College.

CHARLES LEIN, *Professor of Management; Dean, School of Business* (1973)
B.S., Augustana College; M.S., Ed.D., University of Wyoming.

RAY LEWIS, *Assistant Professor of Physical Education* (1956)
B.S. (Ed.), M.Ed., University of Idaho.

GLEN LINDER, *Instructor; Assistant Director, Area Vocational-Technical School* (1970)
B.S., University of Idaho.

JOAN LINGENFELTER, *Instructor in Child Care Studies* .. (1973)
University of Idaho; Los Angeles Pierce College; Los Angeles Valley College; Boise State College.

HUGH T. LOVIN, *Professor of History* (1965)
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M

JEAN MacINNIS, *Instructor in Dental Assisting* (1962)
C.D.A., University of North Carolina; Boise Junior College; Idaho State University.

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Diploma, St. Patrick's School of Nursing; University of Montana.

JAMES H. MAGUIRE, *Assistant Professor of English* (1970)
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GILES MALOOF, *Professor of Mathematics; Dean, Graduate School; Chairman, Department of Mathematics* (1968)
B.A., University of California; M.A., University of Oregon; Ph.D., Oregon State University; San Bernardino Valley Junior College; University of California at Los Angeles.

DARWIN W. MANSHIP, *Assistant Professor of Office Administration* (1970)
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RUTH A. MARKS, *Associate Professor of Teacher Education* (1970)
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CLYDE M. MARTIN, *Associate Professor of Teacher Education; Chairman, Department of Teacher Education, and Assistant Dean, School of Education* (1970)
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CONSTANCE MATSON, *Instructor in Nursing* (1968)
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ROBERT MATTHIES, *Professor; Director, Student Health Center* (1971)
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EMERSON MAXSON, *Assistant Professor of Data Processing* (1968)
A.S., Boise Junior College; B.S., M.B.A., University of Colorado, C.D.P.

RUTH McBIRNEY, *Professor, Head Librarian* ... (1940-42, 1953)
Boise Junior College; A.B., Whitman College; B.A. in Librarianship, University of Washington; Columbia University; University of London, University of California at Berkeley; Rutgers University.

ANGUS McDONALD, *Professor of Teacher Education* (1968)
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ROBERT L. McDOWELL, *Assistant Professor, Technical Services Librarian* (1968)
B.G.E., Omaha University; M.A., University of the Americas, Mexico (D.F.), M.A. in Librarianship, San Jose State College, University of Alabama, University of Maryland.

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WILLIAM P. MECH, *Associate Professor of Mathematics, Director of Honors Program* (1970)
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JOHN J. MEDLIN, *Assistant Professor of Accounting* (1970)
B.S., Idaho State University; M.B.A., University of Denver; C.P.A.

CARROLL J. MEYER, *Professor of Music* (1948)
B.M., University of Michigan; Private study with Ethel Leginska and Cecile de Horvath; M.A., University of Iowa.

FLORENCE M. MILES, *Professor of Nursing* (1955)
Diploma, School of Nursing, St. Luke's Hospital; B.S.N.E., M.N., University of Washington; University of California at Los Angeles; Lewis-Clark Normal School; University of Colorado.

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N

MARY NEAL, *Instructor in Nursing* (1973)
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DONALD J. OBEE, *Professor of Botany; Chairman, Department of Biology* (1946)
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AVERY F. PETERSON, *Assistant Professor of Political Science* (1965)
B.F.S., Georgetown University; Graduate, National War College; University of Idaho; American Foreign Service Career and Deputy Assistant Secretary of State; University of British Columbia.

ELLIS RAY PETERSON, *Professor of Chemistry* (1964)
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B.A., Idaho State University; M.S., Southern Illinois University.
- GERALD R. REED, *Associate Professor of Education, Director of Special Projects* (1967)
B.S., University of Wyoming; M.Ed., University of Idaho; Ed.D., Washington State University.
- LYNNE RENTON, *Instructor in English* (1970)
A.A., Boise College; B.A., M.A., Washington State University.
- BERYL J. RHOADS, *Assistant Professor of Registered Nursing* (1972)
B.S., University of Utah; M.Ed., University of Illinois.
- GEORGE F. ROBERTS, *Assistant Professor of Art* (1970)
B.A., San Diego State College; M.A., M.F.A., University of Iowa.
- ELAINE ROCKNE, *Instructor in Medical Records Technology; Director, Medical Records Technician Program* (1968)
B.A., College of St. Scholastica, Duluth, Minnesota.
- DANIEL D. RUSSELL, *Assistant Professor of Music* (1971)
B.A., University of Washington; M.M., University of Oregon.
- JAMES K. RUSSELL, *Assistant Professor of Art* (1969)
A.B., San Diego State College; M.A., M.F.A., University of Iowa.

S

- NORMA JEAN SADLER, *Assistant Professor; Coordinator of Field Services* (1973)
A.B., University of California at Los Angeles; M.A., California State University at Long Beach; Ph.D., University of Wisconsin.
- RICHARD K. SANDERSON, *Assistant Professor of English* (1971)
B.A., University of California, Berkeley; M.A., Ph.D., New York University.
- MARTIN W. SCHEFFER, *Associate Professor of Sociology* (1964)
A.A., Diablo Valley College; B.S., M.S., University of Oregon; Ph.D., University of Utah.
- JACK ALBERT SCHLAEFLE, *Assistant Professor of Education; Director, Educational TV* (1971)
B.A., University of Northern Colorado; M.P.A., University of Colorado.
- PAUL A. SCHLAFLY, JR., *Assistant Professor of Art* (1970)
B.A., University of Notre Dame; B.F.A., M.F.A., Southern Illinois University; M.A., University of Missouri.
- ANDREW B. SCHOEDINGER, *Instructor in Philosophy* ... (1972)
B.A., Hobart College; M.A., Brown University.
- MARY A. SCHOLES, *Instructor in Vocational-Technical Education* (1971)
A.A., Boise Junior College; B.A., College of Idaho.
- DUSTON R. SCUDDER, *Professor of Marketing; Chairman, Department of Marketing and Mid-Management* ... (1964)
B.S. in Business Administration; M.A., University of Denver; Ed.D., Oregon State University; University of Colorado; Colorado State University.

- GLENN E. SELANDER, *Assistant Professor of English* (1966)
B.A., Southwestern University; M.A., Utah State University; Perkins School of Theology; Southern Methodist University; University of Utah.
- JOHN E. SEVERANCE, *Assistant Professor of Engineering* (1967)
B.S., University of Idaho; M.S., University of Arizona.
- WILLIAM E. SHANKWEILER, *Professor of Theatre Arts; Associate Dean, School of Arts and Sciences* (1956)
B.F.A., M.F.A., Goodman Memorial Theater; Ph.D., University of Denver.
- MELVIN L. SHELTON, *Assistant Professor of Music* (1968)
B.M.E., Wichita State University; Boise College; M.M., University of Idaho.
- WILLIAM R. SICKLES, *Professor of Psychology* (1968)
B.A., Wittenberg University; M.A., Columbia University; Ph.D., University of California at Berkeley.
- ROBERT CARL SIMS, *Associate Professor of History* (1970)
B.A., Northeastern Oklahoma State College; M.A., University of Oklahoma; Ph.D., University of Colorado.
- WILLIAM G. SKILLERN, *Associate Professor of Political Science* (1971)
B.S., Linfield College; M.S., University of Oregon; Ph.D., University of Idaho.
- ARNY R. SKOV, *Assistant Professor of Art* (1967)
A.A., Boise Junior College; B.A., M.F.A., University of Idaho; California College of Arts and Crafts.
- FRANK H. SMARTT, *Assistant Professor of Mathematics* (1958)
B.A., M.A., Colorado State College.
- DONALD D. SMITH, *Professor of Psychology* (1967)
A.B., Nebraska State Teachers College; M.Ed., Whittier College; M.Ed., Ed.D., University of Southern California.
- LYLE SMITH, *Professor of Physical Education, Director of Athletics* (1946)
B.S. (Ed.), M.S. (Ed.), University of Idaho; San Diego State College.
- RAY SMITH, *Instructor in Vocational-Technical Education* (1973)
Fullerton Junior College.
- MARK E. SNOW, *Assistant Professor of Psychology* (1971)
B.A., Eastern Washington College of Education; M.A., Ph.D., University of Utah.
- CLAUDE SPINOSA, *Associate Professor of Geology* (1970)
B.S., City College of New York; M.S., Ph.D., The University of Iowa.
- JOSEPH B. SPULNIK, *Professor Chemistry; Dean, School of Arts and Sciences* (1941)
B.S., M.S., Ph.D., Oregon State University; Reed College; Portland State College.
- FRANK W. STARK, *Associate Professor of Chemistry and Physical Science* (1957-62, 1967)
B.S., M.S., Trinity College; University of Denver.
- HARRY L. STEGER, *Assistant Professor of Psychology* ... (1972)
B.A., University of California, Berkeley; B.D., Berkeley Baptist Divinity School; M.S., California State College.

BOISE STATE UNIVERSITY
Faculty

JANET M. STRONG, *Assistant Professor, Circulation Librarian* (1973)
A.A., Treasure Valley Community College; B.A., Eastern Oregon State College; M.L.S., University of Washington.

ROBERT A. SULANKE, *Associate Professor of Mathematics* (1970)
B.A., Earlham College; M.S., Case Institute of Technology; Ph.D., University of Kansas.

ROBERT B. SYLVESTER, *Associate Professor of History* .. (1963)
A.A., Boise Junior College; B.A., M.A., University of California, Santa Barbara.

T

YOZO TAKEDA, *Professor of Mathematics* (1969)
B.S., University of Michigan; M.A., University of Missouri; Ph.D., University of Idaho.

JOHN S. TAKEHARA, *Associate Professor of Art* (1968)
B.A., Walla Walla College; M.A., Los Angeles State College; University of Hawaii.

DAVID S. TAYLOR, *Professor of Psychology, Vice-President for Student Affairs* (1972)
B.S.Ed., Northern Illinois University; M.S.Ed., Southern Illinois University; Ph.D., Michigan State University.

ROBERT W. TAYLOR, *Assistant Professor of Criminal Justice Administration* (1970)
B.A., Boise State College; M.A., California State College; Grossmont Junior College.

WILLIAM K. TAYLOR, *Associate Professor of Music* (1971)
B.M., Cornell College; M.M., Indiana University.

ALBERT H. TENNYSON, *Instructor in Vocational-Technical Related Subjects* (1966)
B.A., College of Idaho; M.A., University of Idaho.

NAN M. THOMASON, *Instructor in Nursing* (1967)
R.N., St. Luke's Hospital; B.S., Montana State University.

CONNIE M. THORNGREN, *Assistant Professor of Physical Education* (1970)
B.A., Idaho State University; Central Washington State College.

STEVEN DAVID THURBER, *Assistant Professor of Psychology* (1970)
B.S., M.S., Brigham Young University; Ph.D., University of Texas, Austin.

CARL W. TIPTON, *Associate Professor of Management* (1965)
Iowa Wesleyan College; University of Washington; George Washington University; M.B.A., University of Chicago.

JAMES W. TOMPKINS, *Assistant Professor of Vocational-Technical Related Subjects* (1963)
A.B., Wheaton College; B.D., Th.B., Westminster Theological Seminary; University of Pennsylvania; Harvard University.

DAVID P. TORBET, *Professor of Psychology, Director of Counseling and Testing Center* (1966)
B.S., Pacific University; M.A., University of Oregon; Ph.D., University of Colorado.

DEAN C. TOWNSEND, *Assistant Professor of English* (1970)
B.A., University of California at Berkeley; M.A., San Francisco State College; University of California, Santa Barbara; San Jose State College.

WARREN TOZER, *Assistant Professor of History* (1969)
B.A., M.A., Washington State University, Ph.D., University of Oregon.

SHEILA REIHING TRUBY, *Instructor in Nursing* (1968)
B.S., University of the State of New York

GLENDA R. TRUMBO, *Instructor in Vocational-Technical Education* (1970)
Idaho State University.

ANTHONY THOMAS TRUSKY, *Instructor in English* (1970)
B.A., University of Oregon; M.A., Northwestern University; Trinity College, Dublin.

JERRY L. TUCKER, *Associate Professor of Education* (1971)
B.S., M.N.S., University of Idaho; Ph.D., University of Washington.

LLOYD D. TUCKER, *Associate Professor of Mathematics* (1969)
B.A., M.S., Southern Illinois University; Ph.D., University of Oregon.

V

JOANN T. VAHEY, *Associate Professor; Associate Dean, School of Health Sciences; Chairman, Department of Registered Nursing* (1973)
B.S.N.Ed., College Misericordia; M.S.N., Catholic University; Ed.D., Columbia University.

LUIS J. VALVERDE Z, *Associate Professor of Romance Language* (1965)
B.A., Mankato State College; B.S., Southern Illinois University; M.A., University of Illinois; Ed.D., University of California at Los Angeles; University of Michigan; University of Washington; University of Texas; University of Indiana.

ROSS E. VAUGHN, *Assistant Professor of Physical Education* (1973)
A.A., Riverside City College; B.A., Chico State College; M.S., Washington State University.

WARREN VINZ, *Professor of History, Chairman, Department of History* (1968)
Lincoln College; B.A., Sioux Falls College; B.D., Berkeley Baptist Divinity School; M.A., Ph.D., University of Utah.

W

LARRY L. WALDORF, *Associate Professor of Management* (1970)
B.S., M.S., Colorado State University; Ph.D., Colorado State University.

EUNICE WALLACE, *Associate Professor of English* (1968)
B.A., College of Idaho; Ed.M., Ph.D., Oregon State University; University of California; American University; Idaho State University; University of Utah

BOISE STATE UNIVERSITY
Faculty

GERALD R. WALLACE, *Professor of Education;*
Dean, School of Education (1968)
B.A., College of Idaho; M.A., University of California; Ed.D.,
University of Oregon; Whitman College; Colorado State
College; Oxford University.

STEVEN R. WALLACE, *Instructor in Physical Education* .. (1972)
B.S., Boise State College.

FREDERICK R. WARD, *Associate Professor of*
Mathematics (1969)
B.S., William and Mary; M.S., University of Colorado; Ph.D.,
Virginia Polytechnic Institute and State University

DORIS J. WARDHAUGH, *Instructor in Vocational-*
Technical Education (1973)
Bakersfield Junior College.

FORREST WARNER, *Instructor in Vocational-*
Technical Education (1973)
Boise Junior College.

KATHLEEN C. WARNER, *Assistant Professor of English* .. (1966)
B.A., University of Nevada; M.A., Arizona State University;
Indiana University.

MONT M. WARNER, *Professor of Geology* (1967)
A.B., M.A., Brigham Young University; Ph.D., State University
of Iowa; University of Utah; Cambridge University.

JOHN E. WARWICK, *Associate Professor of*
Communication (1963)
B.E.(Ed.), Quincy College, Illinois; M.F.A., Catholic University
of America.

TARMO WATIA, *Assistant Professor of Art* (1969)
B.S., M.F.A., University of Michigan.

DONALD J. WATTS, *Instructor in Vocational-*
Technical Education (1973)
B.S.C.E., University of Idaho.

JUDITH L. WATTS, *Instructor in Vocational-*
Technical Education (1973)
B.S., University of Arizona.

E. ALLEN WESTON, *Associate Professor of*
Drafting-Design (1964)
B.F.A., University of Arizona, M.Ed., Idaho State University,
Jefferson Machamer School of Art, Art Center School, USA
Engineering Drafting School, College of Idaho.

WAYNE E. WHITE, *Associate Professor of Business*
Program Director, Aviation Management (1965)
B.S., Northern Arizona University; M.A., Arizona State
University; University of Arizona; Wichita State University.

THOMAS W. WILBANKS, *Assistant Professor of*
English (1964-66, 1969)
B.A., Trinity University; M.Div., Princeton Theological
Seminary; Th.M., Louisville Presbyterian Theological
Seminary; Hebrew Union College; University of New Mexico.

IRENE A. WILCOX, *Professor of Social Work;*
Chairman, Department of Social Work (1966)
B.A., University of Utah; Howard University; M.S.W.,
Washington University, St. Louis, Missouri.

MARGUERITE L. WILCOX, *Assistant Professor of*
Nursing (1972)
B.S., Loma Linda University; M.N., University of California,
Los Angeles.

EDWIN E. WILKINSON, *Associate Professor of Psychology,*
Dean of Student Advisory and Special Services (1958)
B.A., Whitworth College; M.S., Washington State University;
University of Oregon; University of Akron.

MARJORIE WILLIAMSON, *Assistant Professor of Office*
Administration, Faculty Senate Secretary (1967)
B.S.(Ed.), University of Kansas; M.B.(Ed.), University of
Idaho; Washington State University.

LONNIE L. WILLIS, *Associate Professor of English* (1970)
B.A., North Texas State; M.A., University of Texas; Ph.D.,
University of Colorado.

DARRELL C. WILSON, *Professor of Political Science* (1967)
B.S., Lewis and Clark College, Portland; M.A., Ph.D., University
of Oregon.

MONTE D. WILSON, *Associate Professor of Geology* (1969)
B.S., Brigham Young University; M.N.S., Ph.D., University of
Idaho.

PETER KLEIN WILSON, *Professor of Business*
Administration (1966)
B.A., University of Illinois; J.D., Northwestern University.

ELLA MAE WINANS, *Associate Professor of*
Mathematics (1958)
B.S., University of Oregon; M.S., New York University; Idaho
State University.

MARIA WINKLER-GREEN, *Instructor in Art* (1973)
B.A., University of Pennsylvania; M.F.A., Pennsylvania State
University.

JAMES R. WOLFE, *Associate Professor of Education,*
Director, Extended Day and Summer Sessions (1960)
B.S., M.B.A., Indiana University; University of California at
Berkeley; Idaho State College; Stanford University; Michigan
State University.

BOYD WRIGHT, *Assistant Professor of Art* (1970)
B.F.A., Utah State University; M.F.A., University of Idaho.

CHARLES D. WRIGHT, *Professor of English* (1972)
B.A., Wayne State University; M.A., University of Wisconsin;
Ph.D., University of Iowa.

GILBERT A. WYLLIE, *Associate Professor of Biology* (1965)
B.S., College of Idaho; M.A., Sacramento State College; Ph.D.,
Purdue University, Oregon State University, University of
Oregon.

Y

JERRY YOUNG, *Associate Professor of Mathematics* (1964)
A.A., Centralia Junior College; B.A. (Math), B.A.(Ed.), Central
Washington State College; M.A., Washington State University;
Ed.D., University of Northern Colorado.

JOHN R. YOUNG, *Professor of Marketing* (1967)
B.Ed., Whitewater State College, Wisconsin; M.A., Ph.D.,
University of Iowa.

MIKE M. YOUNG, *Instructor in Physical Education* (1970)
B.A., M.A., Brigham Young University.

VIRGIL M. YOUNG, *Professor of Education* (1967)
B.S., M.Ed., Ed.D., University of Idaho.

EMERITI

THELMA F. ALLISON, *Associate Professor of Home Economics*
(1946-73)

JOHN A. BECKWITH, *Assistant Professor of English*
(1965-1972)

WILLIAM S. BRONSON, *Professor of Psychology*
(1954-1970)

ELSIE BUCK, *Professor of Mathematics*
(1932-34, 1937-68)

VINA BUSHBY, *Associate Professor of Secretarial Science*
(1946-65)

EUGENE B. CHAFFEE, *President*
(1932-1967)

ROBERT deNEUFVILLE, *Professor of Foreign Language*
(1949-1973)

CLISBY T. EDLEFSEN, *Professor of Business*
(1939-69)

J. CALVIN EMERSON, *Associate Professor of Chemistry*
(1933-1940, 1960-1973)

LUCILLE T. FORTER, *Instructor in Voice*
(1932-1962)

JOHN F. HAGER, *Associate Professor of Machine Shop*
(1954-1969)

ADA Y. HATCH, *Professor of English*
(1932-1967)

KENNETH L. HILL, *Associate Professor of Education*
(1962-1970)

ADELAIDE ANDERSON MARSHALL, *Assistant Professor of Music*
(1939-1948, 1966-1972)

KATHRYN ECKHARDT MITCHELL, *Instructor in Violin*
(1932-38, 1939-72)

CAMILLE B. POWER, *Associate Professor of Spanish & French*
(1932-35, 1936-51, 1954-67)

HAZEL MARY ROE, *Associate Professor of Office Administration*
(1942-44, 1947-69)

HAROLD SNELL, *Assistant Professor of Auto Mechanics*
(1958-1969)

LYLE F. TRAPP, *Assistant Professor of Auto Body*
(1953-1967)

G. W. UNDERKOFER, *Associate Professor of Accounting*
(1952-1974)

HELEN WESTFALL, *Associate Professor of Physical Education*
(1962-1970)

JOHN WOODWORTH, *Associate Professor of English*
(1958-1972)

SCHOLARSHIPS FOR BOISE STATE STUDENTS

Rose Richer Adkison Memorial — outstanding Art student
Vince Aguirre Memorial Scholarship Fund — member of college Ski Team
Albertson's, Inc. — students of Accounting
Alpha Kappa Psi, Theta Omicron Chapter (Robert Dwight Jacobson Jacobson Memorial) — student of Business
American Association of University Women (Boise Branch) — graduate student (female)
American Business Women's Association (Boise Centennial Chapter) — Sophomore in Business (female)
American Legion Gem Boys State and Boise State College — freshmen (male)
C.C. & Henrietta W. Anderson Foundation — students from eight southwest Idaho Counties
Bank of Idaho — BSC National Merit Scholars and other outstanding students
Boise Ad Club — Syms York Company — student of Marketing
Boise Business and Professional Women's Club — Business Education (female)
Boise Choristers Club — students of organ or voice
Boise Civitan Club/Georgia Shanks Memorial — Clinical Psychology & Special Education
BSU Alumni Scholarships, Eugene B. Chaffee Annual Award — continuing students
BSU Housing System — dormitory residents
Calvin C. & Fannie Cobb Scholarships (The Margaret Cobb Ailshie Trust) — Idaho resident students
C.P.A. Wives Association of Southwestern Idaho — Accounting Senior (female)
Laura Moore Cunningham Foundation (Idaho First National Bank Trust Department) — Idaho resident students
Data Processing Management Association (Central Idaho Chapter) — students of Data Processing
Daughters of American Revolution (Pioneer Chapter) — History major (female)
Dunkley Music — student of piano
DeNeufville Foreign Language Scholarship — sophomore or junior
John L. Driscoll Jr. Scholarship Fund — for academically outstanding freshmen
Faculty Wives and Women Club/BSC — scholarship to son or daughter of faculty
First Security Foundation — Business students (sophomore or junior)
Food Service Technology — enrolled students
Foundation for Counselor Education — students of Psychology
Future Secretaries Association — BSU student of Business
A. J. Gaige & Associates — outstanding freshmen students of Engineering
Holsinger Music Inc. — student of Music
Potter Tylee Howard Memorial Scholarship — graduate of a Boise High School
Idaho Bank and Trust Company — students of Business
Idaho Lung Association — student of Respiratory Therapy
Idaho Real Estate Council — students of Business Administration and Real Estate
Idaho Society of Professional Engineers Ladies Auxiliary — student of Engineering
Intermountain Gas Company — academic talent
Robert F. Jones Memorial Scholarship — student of Education
KTVB, Inc. — students of Marketing, Public Relations, and Communications
LaRue DeMolay Scholarship — Engineering or Vocational Electronics
Lucille Lippincott Memorial Voice Scholarship — student of voice
Helen Moore Memorial Scholarship — student of English
National Secretaries Association (International Boise Chapter) — student of Office Administration or Secretarial Science
Pi Sigma Epsilon Marketing Scholarship — Pi Sigma Epsilon member
Clyde F. Potter Memorial
Mr. and Mrs. John A. Schoonover — BSC Marching Band Awards
J. R. Simplot Company — sons and daughters of employees
Rolland H. Smith Memorial Scholarships — General Business
Stone Piano & Organ — students of piano
Tau Alpha Pi Vocational Awards — enrolled students
Jacob Ullman Memorial Scholarship — student of Business
J. Weil and Company — Business Administration
Welcome Wagon Newcomers Club of Boise — junior (female) Boise Resident
Whittenberger Foundation Graduate Fellowships — students in masters programs in Business Administration & Education
Floribel Bergh Williams Memorial Trust — student in Education
Women's Idaho Motor Transport Auxiliary

GLOSSARY

The following terms are explained in the special meaning defined by this institution. References are to more detailed descriptions or further explanations of the use of the term within the catalog.

ACADEMIC DISQUALIFICATION

Refusal of permission for a student to register if, after a reasonable period of academic probation, a student's academic work indicates that he cannot continue in the college with profit to himself and credit to the institution. See Academic Regulations, Part II.

ACADEMIC PROBATION

The student whose academic work is not satisfactory may be placed on probation. Satisfactory academic performance means the orderly progression toward graduation maintaining a cumulative grade point average of 2.0 or better. See Academic Regulations, Part II.

ACCREDITED

Certified as fulfilling standards or requirements. Accreditation means that the constituent parts of a college or university are satisfactory and that its courses are recognized as being equal to or compatible with those of other collegiate institutions.

ADMISSION

Official recognition of a student's authorization to register for courses offered by the college. A Certificate of Admission is issued to students who have fully matriculated see Admissions Requirement to the College, Section II.

ADVISOR

Each student is assigned a faculty advisor by the department offering the student's major. The advisor will study and sign proposed course schedules, will receive various student records, and issue mid-semester grades to the students.

ALUMNI

Individuals who have graduated from the institution upon successful completion of a specific curricula for which a degree, diploma, or certificate of completion is awarded and any former student who was regularly enrolled for at least two semesters and who was in good standing upon termination of enrollment.

APPEALS

A request for reconsideration of a ruling or decision in either an academic matter (see Academic Regulations, Part II) or in a matter related to student conduct (see Student Conduct, Part II).

AUDIT

Enrollment in a specific class for informational instruction only and for which the student receives no credit. Attendance, completion of assignments, and examinations are optional.

BACCALAUREATE

The bachelor degree. Boise State College offers five baccalaureates: Bachelor of Arts, Bachelor of Science, Bachelor of Business Administration, Bachelor of Music, and Bachelor of Fine Arts.

CCB

An abbreviation referring to Concentrated Course Blocks used in connection with Secondary Student Teaching. Students are scheduled to practice teaching one of four blocks of nine weeks each all day long. During the opposite block of a semester, special courses are made available depending on the student's major. See Part V, School of Education.

CORE REQUIREMENTS

Refers to the General College Requirements that all students seeking the Baccalaureate must complete for graduation.

CREDENTIALS

Designated items required in connection with matriculation. Such items may include proof of graduation from high school, official transcripts, application form, entrance test scores, etc. See Admissions Requirements, Part II.

CREDITS

The credit allowed for course work is ordinarily based on one semester credit for one hour of class attendance a week for a period of one semester. Courses that require deviation from this general rule will indicate in the course description the number of hours per week required (laboratories, studio hours, etc.). Credits in Vocational-Technical programs are not normally transferable toward an academic degree.

CREDIT STATUS CODE (CSC)

This refers to the status under which the student is taking a course as follows:

1. Repeat (Improve D Grade)
2. Retake (Improve F Grade)
3. Audit
4. First Time Credit
5. Non-Credit (Gradeable)
6. Non-Credit (Non-Gradeable)
7. Credit-No Credit
8. Pass-Fail
9. Retake of F in CSC 8.

CURRICULUM

(Plural Curricula or Curriculums). The courses that are required leading to a specific degree or academic program objective. It may also refer to the complete list of courses offered by the institution.

GRADE POINT AVERAGE (GPA)

Grade points are a numerical value assignment for grades awarded as follows: For each credit of A, 4 grade points; for B, 3 grade points; for C, 2 grade points; for D, 1 grade point; for F, no points. The average is computed by dividing the total grade points received by the total credits attempted in a semester. A cumulative grade point average is the total grade points on a student's record divided by the total hours he has attempted.

GRADUATE CLASSIFICATION

Students admitted to Boise State College Graduate School may have one of three graduate classifications: Regular, provisional, or nonclassified. Refer to Part VII Graduate School. Note that "Special Graduate" refers to a student with an earned baccalaureate not admitted to the BSC Graduate School.

MATRICULATION

Matriculation is the processing of all required items necessary for regular enrollment as a full-time student at Boise State College. Matriculation is required of all students carrying eight or more hours, including repeats, retakes, audits, non-credit equivalents. Students carrying seven or fewer hours are not required to be fully matriculated. See Admission Requirements to the College, Part II.

REGISTRATION

The process of registration results in completed enrollment in a class or course of instruction. For each semester or term offered at the college, a separate Registration Information Bulletin is published with detailed instructions on courses being offered and the procedures followed.

REPEAT

A class may be repeated by a student who has received a grade of "D" in order to raise his grade if in the meantime he has not taken an advanced course for which the first course is a prerequisite. Degree credit for courses so repeated will be given only once but the grade assigned at each enrollment shall be permanently recorded. See Academic Regulations, Part II.

RESIDENCE

The legal residence of a student who is under the legal voting age shall be considered the same as that of his parents (or surviving parent or guardian). Adults, to be classified as residents of Idaho, must have been domiciled within the State of Idaho for not less than six consecutive months exclusive of full time enrollment, i.e., eight or more semester hours per semester. See Residence, Part I, General Information.

RETAKE

A retake is a student's re-enrollment in a class for which he has previously failed and not received credit.

SUMMARY OF HIGH SCHOOL REQUIREMENTS

For Basic Lower Division College Curricula

Minimum requirements:

	High Schools (Units)
English	3
Elementary Algebra	1
*Plane Geometry	(1)
Social Studies	2
Laboratory Science (from grade 10, 11 or 12)	1
Other Academic	2
Total Academic	10
Electives	5
Total Units	15

*Not required but recommended.

General Science is acceptable as an academic unit but not as a natural science.



STUDENT STATUS

Students are classified as Freshmen (from 0 semester credits through 25), Sophomores (from 26 semester credits through 57), Juniors (from 58 semester credits through 89), and Seniors (90 semester credits and over but have not received bachelor's degree). Other classifications include Special Graduate (have received a bachelor's degree) and Graduate Student (further classified in regular, provisional, or unclassified status). Students enrolled for eight semester hours or more (including repeats, retakes, audits, non-credit equivalents) will be considered full time. A student who is carrying less than eight credits but has met entrance requirements for regular students will be classified as a part time student. See Classification of Students, Part II; and Graduate Classification, Part VI.

TRANSCRIPT

A transcript is an official copy of the student's permanent record of academic achievement maintained by the Registrar.

TUITION

Tuition is a charge for instruction which is only assessed to nonresident students at Boise State College. Note that the institutional fee charged all students is not technically termed tuition. See Tuition and Fee Schedule, Part I, General Information.



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